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## SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

.. Figures are not available.

... Figures not appropriate or not applicable.

- Nil or zero.



## INTRODUCTION

"Civil Aviation" reports are prepared from monthly and quarterly schedules filed with the Air Transport Board and the Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly returns filed with the Dominion Bureau of Statistics by foreign air carriers operating in Canada.

For reporting purposes, Canadian air carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. These groups are described on page twenty of this publication along with other definitions. It should be noted that the definition of each of the five groups has been revised as of 1st January, 1964. This revision resulted in four former group III carriers being transferred to Group IV and 24 former Group IV carriers being transferred to Group V. It should also be noted that Nordair Ltd., classified as a Group II carrier by the Air Transport Board, is included with Group III carriers for statistical purposes. Group V comprises small air carriers required to file returns on a quarterly basis only. Data on their operations are excluded from the other carrier statistics appearing throughout the report.

Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. A complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

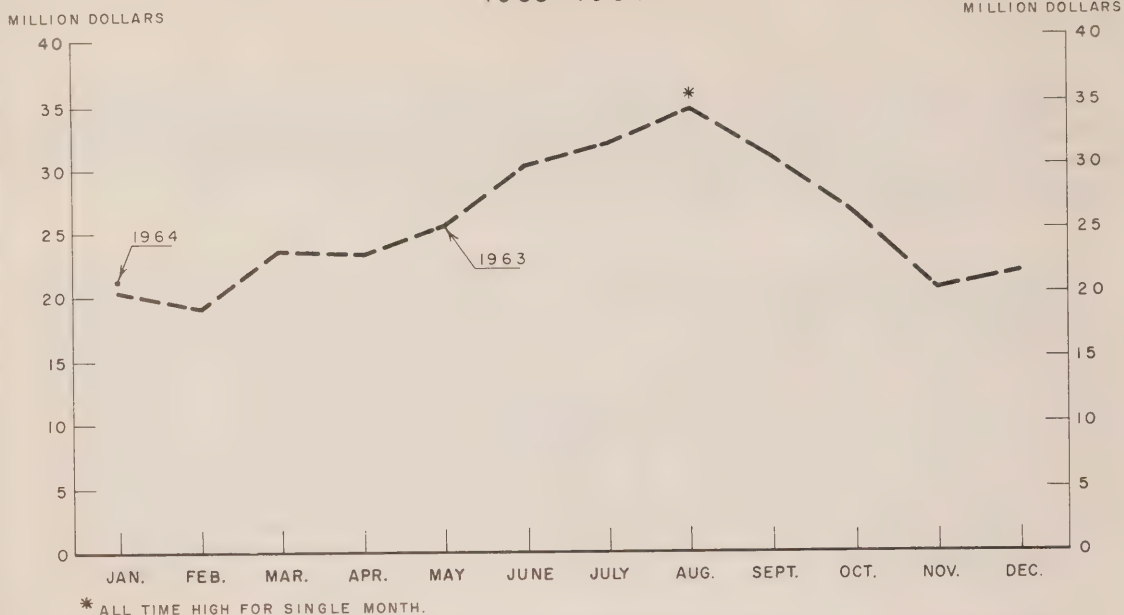
Domestic and international operations of Canadian carriers are combined in all tables except Table 6 which provides a breakdown of domestic and international operations for Canadian carriers operating international unit toll and bulk services.

Commencing with the January, 1964 issue, bulk transport passenger-miles and goods-ton-miles have been added to the statistical data of this report. However, because of survey limitations, this data refers only to aircraft which has a minimum authorized take-off weight on wheels in excess of 18,000 pounds. Operating data covering bulk international flights have also been added to Table 6. It should be noted, however, that the number of carriers reporting international bulk services may vary from month to month.

Table 7 provides data on traffic leaving and entering Canada on an area of service basis. Passengers, cargo and mail in transit through Canada are excluded. The table contains the operations of both Canadian and Foreign carriers with separate totals for each.

Also commencing with the January, 1964 issue of "Civil Aviation", data on helicopters have been expanded to include more detail. A split has been made between the use of fixed wing aircraft and helicopters for specialty flying.

# OPERATING REVENUE OF CANADIAN AIR CARRIERS 1963-1964



# REVENUE GOODS CARRIED BY CANADIAN AIR CARRIERS 1963-1964





## REVIEW OF JANUARY OPERATIONS

Increases were reported in the transportation of both revenue passengers and goods by Canadian Air Carriers during the month of January compared with January 1963. Passengers carried totalled 395,177, an increase of 1.3 per cent. Goods transported rose to 8,276 tons, an increase of 7.2 per cent. The revenue miles flown were up 0.9 per cent to 7,059,536. Passenger-miles and goods-ton-miles performed by Canadian carriers in unit toll and bulk services totalled 281,846,881 and 6,544,830 respectively. Unit toll services accounted for 94.9 per cent of the total passenger-miles and 89.7 per cent of the total goods-ton-miles.

January operating revenues showed a 4.1 per cent increase over January 1963 to \$21,223,443 while operating expenses rose 7.6 per cent to \$23,864,291, thus an operating loss of \$2,640,848 was reported. This compares with a loss of \$1,803,184 for the same month the previous year. A net deficit after provision for income taxes of \$3,547,163 was reported as against a deficit of \$2,722,544 in January, 1963.

Revenue hours reported flown by 14 carriers who operated 117 helicopters exclusively amounted to 845. Hours reported flown by 15 helicopters operated by 8 fixed wing carriers totalled 121. Operating revenues reported by helicopter carriers amounted to \$122,157 while the operating expenses amounted to \$279,568.

In January the six scheduled carriers transported 371,848 revenue passengers, 94.0 per cent of all passengers carried by all Canadian carriers. They also carried 6,050 tons of revenue goods, 73.1 per cent of the total. Operating revenues amounted to \$19,867,742 or 93.9 per cent of all Canadian revenues. Operating expenses amounted to \$22,140,850 or 93.2 per cent of the total. Comparable figures for January 1963 are: passengers 93.6 per cent, goods 68.0 per cent, revenues 92.6 per cent and expenses 91.7 per cent.

Revenue passenger-miles performed by Canadian Carriers in international unit toll service in January amounted to 115,893,713 or 45 per cent of their total unit toll passenger-miles performed. The division of international services by area was as follows:

| <u>Area</u>                    | <u>Percentage</u> |
|--------------------------------|-------------------|
| Trans-Border .....             | 22.3              |
| Trans-Atlantic and Polar ..... | 30.4              |
| Southern .....                 | 28.7              |
| Pacific and Orient .....       | 18.6              |
| Total .....                    | 100.0             |

### Foreign Carriers

Foreign carriers licensed to operate in Canada transported 64,505 revenue passengers during January, an increase of 10.3 per cent over January 1963. Revenue goods carried totalled 1,012 tons, an increase of 7.3 per cent. Foreign carriers report hours and miles flown over Canadian territory only. Statistics of passengers and goods in transit have been excluded.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

January 1964

|                                      | Canadian carriers  |              |                        |           | Total Canadian carriers | Foreign carriers(2)    |                           | Grand total all carriers | Year to date |
|--------------------------------------|--------------------|--------------|------------------------|-----------|-------------------------|------------------------|---------------------------|--------------------------|--------------|
|                                      | Scheduled carriers |              | Non-scheduled carriers |           |                         | United States carriers | Other Foreign carriers(3) |                          |              |
|                                      | Group I and II(1)  | Group III(1) | Group IV               | Total     |                         |                        |                           |                          |              |
| Number of carriers reporting ...     | 6                  | 16           | 51                     | 67        | 73                      | 10                     | 9                         | 92                       |              |
| Revenue transportation services:     |                    |              |                        |           |                         |                        |                           |                          |              |
| Unit toll:                           |                    |              |                        |           |                         |                        |                           |                          |              |
| Departures .....                     | 16,423             | 2,060        | 609                    | 2,669     | 19,092                  | ..                     | ..                        | ..                       |              |
| Hours flown .....                    | 20,392             | 1,932        | 378                    | 2,310     | 22,702                  | 331                    | 822                       | 23,855                   |              |
| Miles scheduled .....                | 5,244,665(4)       | ...          | ...                    | ...       | 5,244,665(4)            | 84,570                 | 321,773                   | 5,651,008                |              |
| Miles flown:                         |                    |              |                        |           |                         |                        |                           |                          |              |
| Scheduled .....                      | 5,304,351(4)       | ...          | ...                    | ...       | 5,304,351(4)            | 80,492                 | 336,142                   | 5,720,985                |              |
| Non-scheduled .....                  | 235,027(4)         | 245,705      | 46,416                 | 292,121   | 547,148                 | -                      | -                         | 547,148                  |              |
| Totals .....                         | 5,559,378          | 245,705      | 46,416                 | 292,121   | 5,851,499               | 80,492                 | 336,142                   | 6,268,133                |              |
| Passengers carried .....             | 363,613            | 6,711        | 2,689                  | 9,400     | 373,013                 | 48,116                 | 14,986                    | 436,115                  |              |
| Goods carried:                       |                    |              |                        |           |                         |                        |                           |                          |              |
| Cargo .....                          | 7,326,678          | 413,747      | 129,195                | 542,942   | 7,869,620               | 696,699                | 1,057,482                 | 9,734,216                |              |
| Excess baggage .....                 | 95,468             | 2,696        | 12,251                 | 14,947    | 110,415                 | 139,052                | 116,099                   | 4,032,221                |              |
| Mail .....                           | 3,626,987          | 133,400      | 16,683                 | 150,083   | 3,777,070               | 835,751                | 1,173,581                 | 13,766,437               |              |
| Totals .....                         | 11,049,133         | 549,843      | 158,129                | 707,972   | 11,757,105              |                        |                           |                          |              |
| Passenger-miles .....                | 266,193,010        | 1,231,079    | 107,287                | 1,338,366 | 267,531,376             | 2,058,089              | 10,477,537                | 280,067,002              |              |
| Goods ton-miles:                     |                    |              |                        |           |                         |                        |                           |                          |              |
| Cargo .....                          | 4,094,932          | 64,123       | 6,667                  | 70,790    | 4,165,722               | 15,448                 | 391,024                   | 4,782,560                |              |
| Excess baggage .....                 | 208,735            | 1,432        | 199                    | 1,631     | 210,366                 | 3,160                  | 46,708                    | 1,546,737                |              |
| Mail .....                           | 1,472,069          | 24,148       | 652                    | 24,800    | 1,496,869               | 18,608                 | 437,732                   | 6,329,297                |              |
| Totals .....                         | 5,775,736          | 89,703       | 7,518                  | 97,221    | 5,872,957               |                        |                           |                          |              |
| Bulk:                                |                    |              |                        |           |                         |                        |                           |                          |              |
| Departures .....                     | 1,524              | 3,031        | 6,063                  | 9,094     | 10,618                  | ..                     | ..                        | ..                       |              |
| Hours flown .....                    | 2,254              | 3,406        | 3,955                  | 7,361     | 9,615                   | -                      | 53                        | 9,668                    |              |
| Miles flown .....                    | 401,735            | 382,518      | 423,784                | 806,302   | 1,208,037               | 36                     | 15,550                    | 1,223,623                |              |
| Passengers carried .....             | 8,235              | 6,300        | 7,629                  | 13,929    | 22,164                  | 83                     | 1,320                     | 23,567                   |              |
| Freight carried .....                | 1,050,458          | 2,489,646    | 1,255,237              | 3,744,883 | 4,795,341               | -                      | 14,300                    | 4,809,641                |              |
| Passenger-miles(6) .....             | 13,897,570         | 363,802      | 54,133                 | 417,935   | 14,315,505              | ..                     | ..                        | ..                       |              |
| Goods ton-miles(6) .....             | 377,439            | 251,784      | 42,650                 | 294,434   | 671,873                 | ..                     | ..                        | ..                       |              |
| Revenue non-transportation services: |                    |              |                        |           |                         |                        |                           |                          |              |
| Specialty flying - Hours flown "     | 155                | 588          | 2,784                  | 3,372     | 3,527                   | -                      | -                         | 3,527                    |              |
|                                      |                    |              |                        |           |                         |                        |                           |                          |              |
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|                                      |                    |              |                        |           |                         |                        |                           |                          |              |

Revenue non-transportation services:

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

January 1964

|                                    | Canadian carriers                        |                        |           |           |                         | Foreign carriers(2)    |                           | Grand total all carriers | Year to date |
|------------------------------------|--|------------------------|-----------|-----------|-------------------------|------------------------|---------------------------|--------------------------|--------------|
|                                    | Scheduled carriers<br>Groups I and II(1) | Non-scheduled carriers |           |           | Total Canadian carriers | United States carriers | Other Foreign carriers(3) |                          |              |
|                                    |  | Group III(1)           | Group IV  | Total     |                         |                        |                           |                          |              |
| Total - All services:              |  |                        |           |           |                         |                        |                           |                          |              |
| Revenue:                           |  |                        |           |           |                         |                        |                           |                          |              |
| Traffic, miles and hours:(7)       |  |                        |           |           |                         |                        |                           |                          |              |
| Departures .....                   | 17,947                                   | 5,091                  | 6,672     | 11,763    | 29,710                  | ..                     | 875                       | 37,050                   | ..           |
| Hours flown .....                  | 22,801                                   | 5,926                  | 7,117     | 13,043    | 35,844                  | 331                    | 351,692                   | 7,491,756                | ..           |
| Miles flown .....                  | 5,961,113                                | 628,223                | 470,200   | 1,098,423 | 7,059,536               | 80,528                 | 16,306                    | 14,459,682               | ..           |
| Passengers carried .....           | 371,848                                  | 13,011                 | 10,318    | 23,329    | 395,177                 | 48,199                 | 1,071,782                 | 18,576,078               | ..           |
| Cargo carried .....                | 8,377,136                                | 2,903,393              | 1,384,432 | 4,287,825 | 12,664,961              | 696,699(8)             | 1,187,881                 | 18,576,078               | ..           |
| Goods carried .....                | 12,099,591                               | 3,039,489              | 1,413,366 | 4,452,855 | 16,552,446              | 835,751                | 2,058,089                 | ..                       | ..           |
| Passenger-miles(6) .....           | 280,090,580                              | 1,594,881              | 161,420   | 1,756,301 | 281,846,881             | 18,608                 | ..                        | ..                       | ..           |
| Goods ton-miles(6) .....           | 6,153,175                                | 341,487                | 50,168    | 391,655   | 6,544,830               | ..                     | ..                        | ..                       | ..           |
| Non-revenue:                       |  |                        |           |           |                         |                        |                           |                          |              |
| Hours flown .....                  | 600                                      | 319                    | -         | 319       | 919                     | 2                      | -                         | 921                      | ..           |
| Passengers carried .....           | ..                                       | 83                     | -         | 83        | ..                      | 672                    | 332                       | ..                       | ..           |
| Goods carried .....                | ..                                       | 34,558                 | -         | 34,558    | ..                      | 9,017                  | 70,640                    | ..                       | ..           |
| Passenger-miles .....              | ..                                       | 76,008                 | -         | 76,008    | ..                      | 29,563                 | 244,192                   | ..                       | ..           |
| Goods ton-miles .....              | ..                                       | 3,372                  | -         | 3,372     | ..                      | 195                    | 23,746                    | ..                       | ..           |
| Fuel and oil consumed:             |  |                        |           |           |                         |                        |                           |                          |              |
| Turbo fuel - Quantity .....        | 14,559,479                               | -                      | 6,111     | 6,111     | 14,565,590              | 110,792                | 2,210,995                 | 16,887,377               | ..           |
| Cost .....                         | 2,112,895                                | -                      | 1,785     | 1,785     | 2,114,680               | 14,957                 | 351,810                   | 2,481,447                | ..           |
| Gasoline - Quantity .....          | 825,119                                  | 285,536                | 113,312   | 398,848   | 1,223,967               | 57,053                 | 138,907                   | 1,419,927                | ..           |
| Cost .....                         | 275,006                                  | 79,216                 | 49,946    | 129,162   | 404,168                 | 13,901                 | 36,246                    | 454,315                  | ..           |
| Turbo oil - Quantity .....         | 3,245                                    | -                      | 1         | 1         | 3,246                   | 17                     | 103                       | 3,366                    | ..           |
| Cost .....                         | 28,181                                   | -                      | 15        | 15        | 28,196                  | 96                     | 866                       | 29,158                   | ..           |
| Other oil - Quantity .....         | 10,490                                   | 3,494                  | 1,811     | 5,305     | 15,795                  | 1,047                  | 551                       | 17,393                   | ..           |
| Cost .....                         | 11,933                                   | 4,636                  | 2,526     | 7,162     | 19,095                  | 720                    | 417                       | 20,232                   | ..           |
| Average number of employees:       |  |                        |           |           |                         |                        |                           |                          |              |
| Pilots and co-pilots .....         | 1,001                                    | 172                    | 210       | 382       | 1,383                   | ..                     | ..                        | ..                       | ..           |
| Other flight personnel .....       | 1,010                                    | 19                     | 26        | 45        | 1,055                   | ..                     | ..                        | ..                       | ..           |
| General management .....           | 337                                      | 50                     | 72        | 122       | 459                     | ..                     | ..                        | ..                       | ..           |
| Maintenance labour .....           | 3,540                                    | 235                    | 196       | 431       | 3,971                   | ..                     | ..                        | ..                       | ..           |
| Aircraft & traffic servicing ..... | 5,054                                    | 108                    | 47        | 155       | 5,209                   | ..                     | ..                        | ..                       | ..           |
| Other personnel .....              | 4,373                                    | 199                    | 98        | 297       | 4,670                   | ..                     | ..                        | ..                       | ..           |
| Totals .....                       | 15,315                                   | 783                    | 649       | 1,432     | 16,747                  | 225                    | 729                       | 17,701                   | ..           |
| Salaries and wages paid:           |  |                        |           |           |                         |                        |                           |                          |              |
| Pilots and co-pilots .....         | 1,177,678                                | 116,545                | 110,661   | 227,206   | 1,404,884               | ..                     | ..                        | ..                       | ..           |
| Other flight personnel .....       | 446,437                                  | 12,156                 | 9,016     | 21,172    | 467,609                 | ..                     | ..                        | ..                       | ..           |
| General management .....           | 282,527                                  | 38,621                 | 40,047    | 78,668    | 361,195                 | ..                     | ..                        | ..                       | ..           |
| Maintenance labour .....           | 1,849,631                                | 95,599                 | 77,797    | 173,396   | 2,023,027               | ..                     | ..                        | ..                       | ..           |
| Aircraft & traffic servicing ..... | 2,461,369                                | 39,841                 | 14,347    | 54,188    | 2,515,557               | ..                     | ..                        | ..                       | ..           |
| Other personnel .....              | 2,221,143                                | 74,568                 | 32,367    | 106,935   | 2,328,078               | ..                     | ..                        | ..                       | ..           |
| Totals .....                       | 8,438,785                                | 377,330                | 284,235   | 661,565   | 9,100,350               | 133,050                | 332,454                   | 9,265,854                | ..           |

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

(2) See "Foreign Carriers", page 7, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Group I carriers.

(6) Excludes chartered aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(7) These data exclude non-transportation services, except for hours flown.

(8) Includes excess baggage.

(9) Data in Tables 4, 5, 6, 7, 8 and 9 included in this table.

TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group  
January 1964

|                                       | Scheduled carriers |              |               | Non-scheduled carriers |             |             | Grand total   | Year to date |
|---------------------------------------|--------------------|--------------|---------------|------------------------|-------------|-------------|---------------|--------------|
|                                       | Group I            | Group II (1) | Total         | Group III (1)          | Group IV    | Total       |               |              |
|                                       |                    |              |               |                        |             |             |               |              |
| Operating revenues:                   |                    |              |               |                        |             |             |               |              |
| Unit toll transportation:             |                    |              |               |                        |             |             |               |              |
| Passengers .....                      | 15,387,793         | 759,863      | 16,147,656    | 163,006                | 30,105      | 193,111     | 16,340,767    |              |
| Express .....                         | 318,583            | 11,378       | 329,961       | 6,750                  | 2,182       | 8,932       | 338,893       |              |
| Freight .....                         | 944,378            | 166,780      | 1,111,158     | 60,836                 | 10,339      | 71,175      | 1,182,333     |              |
| Excess baggage .....                  | 99,777             | 13,977       | 113,754       | 2,880                  | 723         | 3,603       | 117,357       |              |
| Mail .....                            | 1,130,405          | 134,611      | 1,265,016     | 52,934                 | 3,487       | 56,421      | 1,321,437     |              |
| Total unit toll transportation ..     | 17,880,936         | 1,086,609    | 18,967,545    | 286,406                | 46,836      | 333,242     | 19,300,787    |              |
| Bulk transportation .....             | 337,688            | 340,089      | 697,768       | 446,058                | 306,003     | 752,061     | 1,449,829     |              |
| Total transportation .....            | 18,238,624         | 1,426,689    | 19,665,313    | 732,464                | 352,839     | 1,085,303   | 20,750,616    |              |
| Other flying services .....           | 2,721              | 15,472       | 18,193        | 73,939                 | 104,845     | 178,784     | 196,977       |              |
| Total flying services .....           | 18,241,345         | 1,442,161    | 19,683,506    | 806,403                | 457,684     | 1,264,087   | 20,947,593    |              |
| Non-flying services .....             | 176,492            | 7,744        | 184,236       | 34,909                 | 56,705      | 91,614      | 275,850       |              |
| Total operating revenues .....        | 18,417,837         | 1,449,905    | 19,867,742    | 841,312                | 514,389     | 1,355,701   | 21,223,443    |              |
| Operating expenses:                   |                    |              |               |                        |             |             |               |              |
| Flying operations .....               | 4,967,697          | 544,120      | 5,511,817     | 412,744                | 220,382     | 633,126     | 6,144,943     |              |
| Maintenance .....                     | 4,597,781          | 500,473      | 5,098,254     | 316,143                | 177,883     | 494,026     | 5,592,280     |              |
| General services and administration:  |                    |              |               |                        |             |             |               |              |
| Passenger service .....               | 1,448,277          | 47,753       | 1,496,030     |                        |             |             |               |              |
| Aircraft and traffic servicing ..     | 3,042,234          | 238,691      | 3,280,925     |                        |             |             |               |              |
| Promotion and sales .....             | 3,180,887          | 119,183      | 3,300,070     |                        |             |             |               |              |
| General administration .....          | 899,757            | 94,921       | 994,678       |                        |             |             |               |              |
| Totals .....                          | 8,571,155          | 500,548      | 9,071,703     | 248,451                | 131,515     | 379,966     | 9,451,669     |              |
| Depreciation and amortization .....   | 2,336,158          | 122,918      | 2,459,076     | 136,355                | 79,968      | 216,323     | 2,675,399     |              |
| Total operating expenses .....        | 20,472,791         | 1,668,059    | 22,140,850    | 1,113,693              | 609,748     | 1,723,441   | 23,864,291    |              |
| Operating income (loss) .....         | Dr. 2,054,954      | Dr. 218,154  | Dr. 2,273,108 | Dr. 272,381            | Dr. 95,359  | Dr. 367,740 | Dr. 2,640,848 |              |
| Non-operating income - Net:           |                    |              |               |                        |             |             |               |              |
| Capital gains and losses .....        | -                  | 2,378        | 2,378         | 1,075                  | 25          | 1,100       | 3,478         |              |
| Interest and discounts .....          | 136,618            | 134          | 136,752       | 1,862                  | -           | 1,862       | 138,614       |              |
| Miscellaneous non-operating income .. | 21,966             | 182          | 22,148        | 7,352                  | 224         | 7,576       | 29,724        |              |
| Income before interest expense .....  | Dr. 1,896,370      | Dr. 215,460  | Dr. 2,111,830 | Dr. 262,092            | Dr. 95,110  | Dr. 357,202 | Dr. 2,469,032 |              |
| Interest expense .....                | 974,633            | 57,876       | 1,032,509     | 28,585                 | 11,079      | 39,664      | 1,072,173     |              |
| Income before income taxes .....      | Dr. 2,871,003      | Dr. 273,336  | Dr. 3,144,339 | Dr. 290,677            | Dr. 106,189 | Dr. 396,866 | Dr. 3,541,205 |              |
| Provision for income taxes .....      | -                  | -            | -             | 2,765                  | 3,193       | 5,958       | 5,958         |              |
| Net income after income taxes .....   | Dr. 2,871,003      | Dr. 273,336  | Dr. 3,144,339 | Dr. 293,442            | Dr. 109,382 | Dr. 402,824 | Dr. 3,547,163 |              |

(1) Group II non-scheduled carriers included with Group III for purposes of this report.  
(2) Data in Tables 3, 8 and 10 included in this table.



TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

January 1964

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|                                       | Canadian<br>Pacific<br>Air Lines | Eastern<br>Provincial<br>Airways<br>(1963) | Pacific<br>Western<br>Airlines | Quebecair<br>Inc. | Transair<br>Ltd. | Trans-<br>Canada<br>Air Lines | Total         | Year<br>to<br>date |
|---------------------------------------|----------------------------------|--|--------------------------------|-------------------|------------------|-------------------------------|---------------|--------------------|
| Operating revenues:                   |                                  |  |                                |                   |                  |                               |               |                    |
| Unit toll transportation:             |                                  |  |                                |                   |                  |                               |               |                    |
| Passengers .....                      | 3,618,812                        | 162,621                                    | 241,938                        | 217,995           | 137,309          | 11,768,981                    | 16,147,656    |                    |
| Express .....                         | 14,025                           | 722  | 7,946                          | -                 | 2,710            | 304,558                       | 329,961       |                    |
| Freight .....                         | 199,344                          | 56,395                                     | 60,304                         | 31,282            | 18,799           | 745,034                       | 1,111,158     |                    |
| Excess baggage .....                  | 35,005                           | 1,484                                      | 5,727                          | 5,448             | 1,318            | 64,772                        | 113,754       |                    |
| Mail .....                            | 210,535                          | 61,341                                     | 41,138                         | 5,753             | 26,379           | 919,870                       | 1,265,016     |                    |
| Total unit toll transportation ..     | 4,077,721                        | 282,563                                    | 357,053                        | 260,478           | 186,515          | 13,803,215                    | 18,967,545    |                    |
| Bulk transportation .....             | 104,385                          | 63,303                                     | 113,010                        | 217               | 163,550          | 253,303                       | 697,768       |                    |
| Total transportation .....            | 4,182,106                        | 345,866                                    | 470,063                        | 260,695           | 350,065          | 14,056,518                    | 19,665,313    |                    |
| Other flying services .....           | -                                | 15,472                                     | -                              | -                 | -                | 2,721                         | 18,193        |                    |
| Total flying services .....           | 4,182,106                        | 361,338                                    | 470,063                        | 260,695           | 350,065          | 14,059,239                    | 19,683,506    |                    |
| Non-flying services .....             | 91,357                           | 5,210                                      | 952                            | 1,981             | 1,505            | 85,135                        | 184,236       |                    |
| Total operating revenues .....        | 4,273,463                        | 366,548                                    | 469,111                        | 262,676           | 351,570          | 14,144,374                    | 19,867,742    |                    |
| Operating expenses:                   |                                  |  |                                |                   |                  |                               |               |                    |
| Flying operations .....               | 1,712,448                        | 143,686                                    | 186,016                        | 72,794            | 141,624          | 3,255,249                     | 5,511,817     |                    |
| Maintenance .....                     | 724,467                          | 174,736                                    | 110,806                        | 74,767            | 140,164          | 3,873,314                     | 5,098,254     |                    |
| General services and administrations: |                                  |  |                                |                   |                  |                               |               |                    |
| Passenger service .....               | 390,758                          | 8,006                                      | 15,180                         | 8,879             | 15,688           | 1,057,519                     | 1,496,030     |                    |
| Aircraft and traffic servicing .....  | 539,752                          | 75,985                                     | 111,462                        | 30,959            | 20,285           | 2,502,482                     | 3,280,925     |                    |
| Promotion and sales .....             | 846,360                          | 13,625                                     | 16,372                         | 51,426            | 37,760           | 2,334,527                     | 3,300,070     |                    |
| General administration .....          | 172,372                          | 19,227                                     | 30,225                         | 26,642            | 18,827           | 727,385                       | 994,678       |                    |
| Totals .....                          | 1,949,242                        | 116,843                                    | 173,239                        | 117,906           | 92,560           | 6,621,913                     | 9,071,703     |                    |
| Depreciation and amortization .....   | 183,207                          | 42,041                                     | 27,493                         | 33,199            | 20,185           | 2,152,951                     | 2,459,076     |                    |
| Total operating expenses .....        | 4,569,364                        | 477,306                                    | 497,554                        | 298,666           | 394,533          | 15,903,427                    | 22,140,850    |                    |
| Operating income (loss) .....         | Dr. 295,901                      | Dr. 110,758                                | Dr. 28,443                     | Dr. 35,990        | Dr. 42,963       | Dr. 1,759,053                 | Dr. 2,273,108 |                    |
| Non-operating income - Net:           |                                  |  |                                |                   |                  |                               |               |                    |
| Capital gains and losses .....        | -                                | -  | 2,378                          | -                 | -                | -                             | 2,378         |                    |
| Interest and discounts .....          | 41,826                           | -  | -                              | 88                | 46               | 94,792                        | 136,752       |                    |
| Miscellaneous non-operating income .. | 19,184                           | -  | 50                             | 47                | 85               | 2,782                         | 22,148        |                    |
| Income before interest expense .....  | Dr. 234,891                      | Dr. 110,758                                | Dr. 26,015                     | Dr. 35,855        | Dr. 42,832       | Dr. 1,661,479                 | Dr. 2,111,830 |                    |
| Interest expense .....                | -                                | 27,078                                     | 11,802                         | 12,559            | 6,437            | 974,633                       | 1,032,509     |                    |
| Income before income taxes .....      | Dr. 234,891                      | Dr. 137,836                                | Dr. 37,817                     | Dr. 48,414        | Dr. 49,269       | Dr. 2,636,112                 | Dr. 3,144,339 |                    |
| Provision for income taxes .....      | -                                | -  | -                              | -                 | -                | -                             | -             |                    |
| Net income after income taxes .....   | Dr. 234,891                      | Dr. 137,836                                | Dr. 37,817                     | Dr. 48,414        | Dr. 49,269       | Dr. 2,636,112                 | Dr. 3,144,339 |                    |

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

January 1964

|   | Group I carriers           |                        |             | Group II carriers                 |                             |                    |                   |            | Grand total |
|---|----------------------------|------------------------|-------------|-----------------------------------|-----------------------------|--------------------|-------------------|------------|-------------|
|   | Canadian Pacific Air Lines | Trans-Canada Air Lines | Total       | Eastern Provincial Airways (1963) | Pacific Western Airlines(1) | Quebecair Inc. (1) | Transair Ltd. (1) | Total(1)   |             |
| Revenue transportation services:                      |                            |                        |             |                                   |                             |                    |                   |            |             |
| Unit toll:  |                            |                        |             |                                   |                             |                    |                   |            |             |
| Departures .....                                      | 1,743                      | 10,369                 | 12,112      | 1,099                             | 1,168                       | 1,023              | 1,021             | 4,311      | 16,423      |
| Hours flown .....                                     | 3,488                      | 13,070                 | 16,558      | 811                               | 1,272                       | 745                | 1,006             | 3,834      | 20,392      |
| Miles scheduled .....                                 | 1,176,394                  | 3,671,743              | 4,848,137   | 66,980                            | 173,077                     | 71,876             | 84,595            | 396,528    | 5,244,665   |
| Miles flown:  |                            |                        |             |                                   |                             |                    |                   |            |             |
| Scheduled - Regular .....                             | 1,166,136                  | 3,561,126              | 4,727,262   | 49,699                            | 161,547                     | 67,589             | 82,666            | 361,501    | 5,088,763   |
| Extra section .....                                   | 37,692                     | 149,166                | 186,858     | 2,682                             | 11,530                      | 6,793              | 7,725             | 28,730     | 215,588     |
| Non-scheduled .....                                   | 41,328                     | -                      | 41,328      | 85,045                            | 14,812                      | 58,830             | 55,012            | 213,699    | 255,027     |
| Totals .....  | 1,245,156                  | 3,710,292              | 4,955,448   | 137,426                           | 187,889                     | 133,212            | 145,403           | 603,930    | 5,559,378   |
| Ratio of regular miles flown to miles scheduled ..... | 99.1                       | 97.0                   | 97.5        | 74.2                              | 93.3                        | 94.0               | 97.7              | 91.2       | 97.0        |
| Passengers carried .....                              | 38,605                     | 290,977                | 329,582     | 8,973                             | 12,065                      | 8,347              | 4,646             | 34,031     | 363,613     |
| Goods carried:  |                            |                        |             |                                   |                             |                    |                   |            |             |
| Freight .....   | 545,195                    | 4,540,654              | 5,085,849   | 590,507                           | 415,898                     | 146,752            | 118,743           | 1,271,900  | 6,357,749   |
| Express .....   | 61,201                     | 868,518                | 929,719     | 2,623                             | 25,566                      | -                  | 11,021            | 39,210     | 968,929     |
| Excess baggage .....                                  | 32,620                     | -                      | 32,620      | 8,604                             | 17,915                      | 29,030             | 7,299             | 62,848     | 95,468      |
| Mail .....  | 197,329                    | 2,941,208              | 3,138,537   | 198,213                           | 161,614                     | 30,502             | 98,121            | 488,450    | 3,626,987   |
| Totals .....  | 836,345                    | 8,350,380              | 9,186,725   | 799,947                           | 620,993                     | 206,284            | 235,184           | 1,862,408  | 11,049,133  |
| Passenger-miles:                                      |                            |                        |             |                                   |                             |                    |                   |            |             |
| Scheduled .....                                       | 64,860,448                 | 191,641,365            | 256,501,813 | 477,514                           | 2,877,700                   | 1,490,744          | 1,258,274         | 6,104,232  | 262,606,045 |
| Non-scheduled .....                                   | 842,022                    | -                      | 842,022     | 1,321,317                         | 49,112                      | 1,121,568          | 252,946           | 2,744,943  | 3,586,965   |
| Totals .....  | 65,702,470                 | 191,641,365            | 257,343,835 | 1,798,831                         | 2,926,812                   | 2,612,312          | 1,511,220         | 8,849,175  | 266,193,010 |
| Available seat-miles on scheduled services .....      | 144,776,380                | 339,914,651            | 484,691,031 | 1,275,231                         | 6,975,356                   | 2,634,488          | 3,160,648         | 14,045,723 | 498,736,754 |
| Passenger load factor on scheduled services .....     | 44.8                       | 56.4                   | 52.4        | 37.5                              | 41.3                        | 56.6               | 39.8              | 43.5       | 52.7        |
| Goods ton-miles:                                      |                            |                        |             |                                   |                             |                    |                   |            |             |
| Freight - Scheduled .....                             | 678,428                    | 2,811,661              | 3,490,089   | 76,295                            | 114,219                     | 17,414             | 6,589             | 214,517    | 3,704,606   |
| Non-scheduled .....                                   | 1,656                      | -                      | 1,656       | 9,306                             | 1,027                       | 9,495              | 11,923            | 31,751     | 33,407      |
| Totals .....  | 680,084                    | 2,811,661              | 3,491,745   | 85,601                            | 115,246                     | 26,909             | 18,512            | 246,268    | 3,738,013   |
| Express - Scheduled .....                             | 15,722                     | 331,049                | 346,771     | -                                 | 6,504                       | -                  | 2,149             | 8,653      | 355,424     |
| Non-scheduled .....                                   | 546                        | -                      | 546         | 592                               | -                           | -                  | 357               | 1,495      | 356,919     |
| Totals .....  | 16,268                     | 331,049                | 347,317     | 592                               | 6,504                       | -                  | 2,506             | 9,602      |             |

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Continued

January 1964

|   | Group I carriers           |                        | Group II carriers |                                   |                              |                    |                   | Grand total |
|---|----------------------------|------------------------|-------------------|-----------------------------------|------------------------------|--------------------|-------------------|-------------|
|   | Canadian Pacific Air Lines | Trans-Canada Air Lines | Total             | Eastern Provincial Airways (1963) | Pacific Western Airlines (1) | Quebecair Inc. (1) | Transair Ltd. (1) |             |
| Revenue transportation services - Concluded:      |                            |                        |                   |                                   |                              |                    |                   |             |
| Unit toll - Concluded:                            |                            |                        |                   |                                   |                              |                    |                   |             |
| Goods ton-miles - Concluded:                      |                            |                        |                   |                                   |                              |                    |                   |             |
| Excess baggage - Scheduled .....                  | 40,809                     | 156,486                | 197,295           | 465                               | 2,997                        | 2,665              | 1,056             | 204,478     |
| Non-scheduled ..                                  | 60                         | -                      | 60                | 1,087                             | 38                           | 2,783              | 289               | 4,257       |
| Totals .....                                      | 40,869                     | 156,486                | 197,355           | 1,552                             | 3,035                        | 5,448              | 1,345             | 208,735     |
| Mail - Scheduled .....                            | 162,679                    | 1,225,778              | 1,388,457         | 9,586                             | 40,068                       | 2,291              | 5,293             | 1,445,695   |
| Non-scheduled ..                                  | 3,273                      | -                      | 3,273             | 14,191                            | 235                          | 1,447              | 7,228             | 26,374      |
| Totals .....                                      | 165,952                    | 1,225,778              | 1,391,730         | 23,177                            | 40,303                       | 3,738              | 12,521            | 1,472,069   |
| Total - Scheduled .....                           | 897,638                    | 4,524,974              | 5,422,612         | 86,346                            | 163,788                      | 22,370             | 15,087            | 5,710,203   |
| Non-scheduled ..                                  | 5,535                      | -                      | 5,535             | 25,176                            | 1,300                        | 13,725             | 19,797            | 59,998      |
| Totals .....                                      | 903,173                    | 4,524,974              | 5,428,147         | 111,522                           | 165,088                      | 36,095             | 34,884            | 5,770,201   |
| Available ton-miles on scheduled services .....   | 19,174,346                 | 48,172,713             | 67,347,059        | 296,704                           | 913,738                      | 263,081            | 374,030           | 69,194,612  |
| Weight load factor on scheduled services(3) ..... | 38.5                       | 49.3                   | 46.1              | 53.7                              | 49.4                         | 65.1               | 37.7              | 46.2        |
| Bulk:   |                            |                        |                   |                                   |                              |                    |                   |             |
| Departures .....                                  | 22                         | 69                     | 91                | 367                               | 851                          | 2                  | 213               | 1,433       |
| Hours flown .....                                 | 137                        | 259                    | 396               | 464                               | 845                          | 1                  | 548               | 1,524       |
| Miles flown .....                                 | 48,061                     | 116,884                | 164,945           | 38,913                            | 103,627                      | 102                | 94,148            | 2,254       |
| Passengers carried .....                          | 717                        | 2,549                  | 3,266             | 2,413                             | 1,715                        | 28                 | 813               | 401,735     |
| Freight carried .....                             | -                          | -                      | -                 | 138,939                           | 380,321                      | -                  | 531,198           | 4,969       |
| Passenger-miles(4) .....                          | 3,007,808                  | 8,824,292              | 11,832,100        | 165,261                           | 913,131                      | 1,428              | 985,650           | 1,050,458   |
| Goods ton-miles(4) .....                          | -                          | -                      | -                 | 13,273                            | 45,354                       | -                  | 316,812           | 13,897,370  |
| Revenue non-transportation services:              |                            |                        |                   |                                   |                              |                    |                   |             |
| Specialty flying - Hours flown .....              | -                          | 10                     | 10                | 145                               | -                            | -                  | -                 | 155         |
| Total - All services:                             |                            |                        |                   |                                   |                              |                    |                   |             |
| Traffic, hours and miles:(5)                      |                            |                        |                   |                                   |                              |                    |                   |             |
| Revenue:  |                            |                        |                   |                                   |                              |                    |                   |             |
| Departures .....                                  | 1,765                      | 10,438                 | 12,203            | 1,466                             | 2,019                        | 1,025              | 1,234             | 5,744       |
| Hours flown .....                                 | 3,625                      | 13,339                 | 16,964            | 1,420                             | 2,117                        | 746                | 1,534             | 5,837       |
| Miles flown .....                                 | 1,293,217                  | 3,827,176              | 5,120,393         | 176,339                           | 291,516                      | 133,314            | 239,551           | 840,720     |
| Passengers carried .....                          | 39,322                     | 293,526                | 332,848           | 11,386                            | 13,780                       | 8,375              | 5,459             | 371,848     |
| Cargo carried .....                               | 606,396                    | 5,409,172              | 6,015,568         | 732,069                           | 821,785                      | 146,752            | 660,962           | 2,361,568   |
| Goods carried .....                               | 836,345                    | 8,350,380              | 9,186,725         | 938,886                           | 1,001,314                    | 206,284            | 766,382           | 8,377,136   |
| Passenger-miles(4) .....                          | 68,710,278                 | 200,465,657            | 269,175,935       | 1,964,092                         | 3,839,943                    | 2,613,740          | 2,496,870         | 12,099,591  |
| Goods ton-miles(4) .....                          | 903,173                    | 4,524,974              | 5,428,147         | 126,795                           | 210,442                      | 36,095             | 351,696           | 280,080,580 |

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

January 1964

|  | Group I carriers           |                        |            | Group II carriers                 |                             |                   |                  |          | Grand total |
|--|----------------------------|------------------------|------------|-----------------------------------|-----------------------------|-------------------|------------------|----------|-------------|
|  | Canadian Pacific Air Lines | Trans-Canada Air Lines | Total      | Eastern Provincial Airways (1963) | Pacific Western Airlines(1) | Quebecair Inc.(1) | Transair Ltd.(1) | Total(1) |             |
| Total - All services - Concluded:        |                            |                        |            |                                   |                             |                   |                  |          |             |
| Traffic, hours and miles - Concluded:(5) |                            |                        |            |                                   |                             |                   |                  |          |             |
| Non-revenue:                             |                            |                        |            |                                   |                             |                   |                  |          |             |
| Hours flown .....                        | 78                         | 320                    | 398        | 81                                | 49                          | 26                | 46               | 202      | 600         |
| Passengers carried .....                 | 1,435                      | ..                     | ..         | 293                               | 329                         | 180               | 121              | 923      | ..          |
| Goods carried .....                      | 113,851                    | ..                     | ..         | -                                 | 31,434                      | -                 | 21,906           | 53,340   | ..          |
| Passenger-miles .....                    | 2,766,178                  | 10,648,509             | 13,414,687 | 75,222                            | ..                          | ..                | 48,865           | ..       | ..          |
| Goods ton-miles .....                    | 163,898                    | 279,191                | 443,089    | -                                 | ..                          | -                 | 6,660            | ..       | ..          |
| Fuel and oil consumed:                   |                            |                        |            |                                   |                             |                   |                  |          |             |
| Turbo fuel - Quantity .....              | 3,488,120                  | 10,791,227             | 14,279,347 | 94,930                            | -                           | 130,611           | 54,591           | 280,132  | 14,559,479  |
| Cost .....                               | 593,934                    | 1,455,071              | 2,049,005  | 22,783                            | -                           | 28,495            | 12,612           | 63,890   | 2,112,895   |
| Gasoline - Quantity .....                | 368,972                    | -                      | 368,972    | 79,281                            | 207,625                     | 14,088            | 155,153          | 456,147  | 825,119     |
| Cost .....                               | 105,786                    | -                      | 105,786    | 29,448                            | 77,740                      | 4,486             | 57,546           | 169,220  | 275,006     |
| Turbo oil - Quantity .....               | 120                        | 2,630                  | 2,750      | 47                                | -                           | 448               | -                | 495      | 3,265       |
| Cost .....                               | 335                        | 26,749                 | 27,084     | 594                               | -                           | 503               | -                | 1,097    | 28,181      |
| Other oil - Quantity .....               | 4,558                      | -                      | 4,558      | 1,217                             | 2,146                       | 349               | 2,220            | 5,932    | 10,490      |
| Cost .....                               | 5,854                      | -                      | 5,854      | 1,640                             | 1,868                       | 351               | 2,220            | 6,079    | 11,933      |
| Average number of employees:             |                            |                        |            |                                   |                             |                   |                  |          |             |
| Pilots and co-pilots .....               | 210                        | 591                    | 801        | 55                                | 69                          | 25                | 51               | 200      | 1,001       |
| Other flight personnel .....             | 268                        | 682                    | 950        | -                                 | 24                          | 11                | 25               | 60       | 1,010       |
| General management .....                 | 122                        | 64                     | 186        | 44                                | 47                          | 49                | 11               | 151      | 337         |
| Maintenance labour .....                 | 558                        | 2,484                  | 3,042      | 148                               | 175                         | 63                | 112              | 498      | 3,540       |
| Aircraft and traffic servicing .....     | 828                        | 3,860                  | 4,688      | 88                                | 91                          | 111               | 76               | 366      | 5,054       |
| Other personnel .....                    | 641                        | 3,659                  | 4,300      | -                                 | 12                          | 9                 | 52               | 73       | 4,373       |
| Total employees .....                    | 2,627                      | 11,340                 | 13,967     | 335                               | 418                         | 268               | 327              | 1,348    | 15,315      |
| Salaries and wages:                      |                            |                        |            |                                   |                             |                   |                  |          |             |
| Pilots and co-pilots .....               | 264,695                    | 758,941                | 1,023,636  | 37,935                            | 54,228                      | 21,519            | 40,360           | 154,042  | 1,177,678   |
| Other flight personnel .....             | 130,908                    | 296,312                | 427,220    | -                                 | 8,726                       | 3,524             | 6,967            | 19,217   | 446,437     |
| General management .....                 | 101,008                    | 107,614                | 208,622    | 20,025                            | 19,996                      | 20,103            | 13,781           | 73,905   | 282,527     |
| Maintenance labour .....                 | 267,219                    | 1,347,168              | 1,614,387  | 73,172                            | 83,148                      | 31,571            | 47,353           | 235,444  | 1,849,631   |
| Aircraft and traffic servicing .....     | 340,013                    | 1,969,156              | 2,309,169  | 32,149                            | 51,414                      | 38,893            | 29,744           | 152,200  | 2,461,369   |
| Other personnel .....                    | 253,695                    | 1,946,061              | 2,199,756  | -                                 | 4,173                       | 4,819             | 12,395           | 21,387   | 2,221,143   |
| Total salaries and wages .....           | 1,357,538                  | 6,425,252              | 7,782,790  | 163,281                           | 221,685                     | 120,429           | 150,600          | 655,995  | 8,438,785   |

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Excludes Trans-Canada Air Lines.

(3) Standard passenger weight used: 200 pounds.

(4) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(5) These data exclude non-transportation services, except for hours flown.



TABLE 5. Revenue Interline Traffic(1), Canadian Scheduled Carriers - All Services, by Company

January 1964

|                                | Canadian<br>Pacific<br>Air Lines | Eastern<br>Provincial<br>Airways<br>(1963) | Pacific<br>Western<br>Airlines | Quebecair<br>Inc. | Transair<br>Ltd. | Trans-<br>Canada<br>Air Lines | Total     |
|--------------------------------|----------------------------------|--|--------------------------------|-------------------|------------------|-------------------------------|-----------|
| <b>Passengers carried:</b>     |                                  |  |                                |                   |                  |                               |           |
| Originated .....               | 32,395                           | 7,214                                      | 11,519                         | 8,347             | 4,102            | 249,221                       | 312,798   |
| Domestic interline .....       | 2,798                            | 1,671                                      | -                              | -                 | -                | 41,756                        | 49,401    |
| Foreign interline .....        | 3,176                            | -  | -                              | -                 | -                | -                             | -         |
| Totals(2) .....                | 38,369                           | 8,885                                      | 11,519                         | 8,347             | 4,102            | 290,977                       | 362,199   |
| <b>Express carried:</b>        |                                  |  |                                |                   |                  |                               |           |
| Originated .....               | 61,201                           | 2,623                                      | 25,566                         | -                 | 11,021           | 868,518                       | 968,929   |
| Domestic interline .....       | -                                | -  | -                              | -                 | -                | -                             | -         |
| Foreign interline .....        | -                                | -  | -                              | -                 | -                | -                             | -         |
| Totals(2) .....                | 61,201                           | 2,623                                      | 25,566                         | -                 | 11,021           | 868,518                       | 968,929   |
| <b>Freight carried:</b>        |                                  |  |                                |                   |                  |                               |           |
| Originated .....               | 463,888                          | 590,507                                    | 393,658                        | 146,752           | 47,350           | 4,540,654                     | 6,182,809 |
| Domestic interline .....       | 15,301                           | -  | -                              | -                 | -                | -                             | 15,301    |
| Foreign interline .....        | 23,849                           | -  | -                              | -                 | -                | -                             | 23,849    |
| Totals(2) .....                | 503,038                          | 590,507                                    | 393,658                        | 146,752           | 47,350           | 4,540,654                     | 6,221,959 |
| <b>Excess baggage carried:</b> |                                  |  |                                |                   |                  |                               |           |
| Originated .....               | 32,620                           | 8,604                                      | 17,443                         | 29,030            | 5,069            | -                             | -         |
| Domestic interline .....       | -                                | -  | -                              | -                 | -                | -                             | -         |
| Foreign interline .....        | -                                | -  | -                              | -                 | -                | -                             | -         |
| Totals(2) .....                | 32,620                           | 8,604                                      | 17,443                         | 29,030            | 5,069            | -                             | -         |
| <b>Mail carried:</b>           |                                  |  |                                |                   |                  |                               |           |
| Originated .....               | 197,329                          | 137,756                                    | 156,397                        | 30,502            | 27,018           | 2,941,208                     | 3,490,210 |
| Domestic interline .....       | -                                | -  | -                              | -                 | -                | -                             | -         |
| Foreign interline .....        | -                                | -  | -                              | -                 | -                | -                             | -         |
| Totals(2) .....                | 197,329                          | 137,756                                    | 156,397                        | 30,502            | 27,018           | 2,941,208                     | 3,490,210 |

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Board.

(2) Excludes division interline.

(3) Excludes Group I carriers.

TABLE 6. Operating Statistics, Canadian International Carriers - All Revenue Services, by area of Service  
January 1964

|  | Trans-<br>Border<br>Services | Trans-<br>Atlantic<br>and Polar<br>Services | Southern<br>Services | Pacific<br>and<br>Orient<br>Services | Total<br>International<br>Services | Domestic<br>Services | Grand<br>total |
|--|------------------------------|---|----------------------|--------------------------------------|------------------------------------|----------------------|----------------|
| Unit toll:   |                              |   |                      |                                      |                                    |                      |                |
| Departures .....   | 1,546                        | 366   | 414                  | 136                                  | 2,462                              | 9,650                | 12,112         |
| Hours flown .....  | 2,104                        | 1,287                                       | 1,171                | 882                                  | 5,444                              | 11,114               | 16,558         |
| Miles scheduled .....                                    | 514,046                      | 575,730                                     | 457,224              | 361,727                              | 1,908,727                          | 2,939,410            | 4,848,137      |
| Miles flown:   |                              |   |                      |                                      |                                    |                      |                |
| Scheduled - Regular .....                                | 473,669                      | 566,269                                     | 456,345              | 361,727                              | 1,858,010                          | 2,869,252            | 4,727,262      |
| Extra sections .....                                     | 23,352                       | 6,666                                       | 60,451               | 24,903                               | 115,372                            | 71,486               | 186,858        |
| Non-scheduled .....                                      | -                            | -   | -                    | -                                    | -                                  | 41,328               | 41,328         |
| Totals .....   | 497,021                      | 572,935                                     | 516,796              | 386,630                              | 1,973,382                          | 2,982,066            | 4,955,448      |
| Ratio of regular miles flown to miles<br>scheduled ..... | 92.1                         | 98.5  | 99.8                 | 100.0                                | 97.4                               | 97.6                 | 97.5           |
| Passengers carried .....                                 | ...                          | ...   | ...                  | ...                                  | 111,162                            | 218,420              | 329,582        |
| Cargo carried .....                                      | ...                          | ...   | ...                  | ...                                  | 2,638,386                          | 3,377,182            | 6,015,568      |
| Mail carried .....                                       | ...                          | ...   | ...                  | ...                                  | 412,129                            | 2,726,408            | 3,138,537      |
| Passenger-miles .....                                    | 25,808,204                   | 35,229,412                                  | 33,276,679           | 21,579,418                           | 115,893,713                        | 141,450,122          | 257,343,835    |
| Available seat-miles on scheduled services               | 42,537,649                   | 74,044,128                                  | 67,335,863           | 49,217,466                           | 233,135,106                        | 251,555,925          | 484,691,031    |
| Passenger load factor on scheduled services              | 60.7                         | 47.6  | 49.4                 | 43.8                                 | 49.7                               | 56.2                 | 53.1           |
| Goods ton-miles:   |                              |   |                      |                                      |                                    |                      |                |
| Express .....  | 57,736                       | -   | -                    | -                                    | 57,736                             | 289,581              | 347,317        |
| Freight .....  | 248,361                      | 941,282                                     | 290,138              | 233,892                              | 1,713,673                          | 1,778,072            | 3,491,745      |
| Excess baggage .....                                     | 20,880                       | 30,831                                      | 32,620               | 11,614                               | 95,945                             | 101,410              | 197,355        |
| Mail .....   | 36,853                       | 236,061                                     | 38,604               | 84,171                               | 395,689                            | 996,041              | 1,391,730      |
| Totals .....   | 363,830                      | 1,208,174                                   | 361,362              | 329,677                              | 2,263,043                          | 3,165,104            | 5,428,147      |
| Available ton-miles on scheduled service .....           | 5,213,823                    | 10,458,541                                  | 9,364,933            | 6,393,707                            | 31,431,004                         | 35,916,055           | 67,347,059     |
| Weight load factor on scheduled services(1)              | 56.5                         | 45.2  | 39.4                 | 38.9                                 | 44.1                               | 48.4                 | 46.3           |
| Bulk:  |                              |   |                      |                                      |                                    |                      |                |
| Departures .....   | 134                          | 397   | 8                    | -                                    | 166                                | ...                  | ...            |
| Hours flown .....  | 29,940                       | 158,195                                     | 13,452               | -                                    | 587                                | ...                  | ...            |
| Miles flown .....  | ...                          | ...   | 260                  | -                                    | 191,587                            | ...                  | ...            |
| Passengers carried .....                                 | ...                          | 20,631                                      | 700,525              | -                                    | 4,373                              | ...                  | ...            |
| Goods carried .....                                      | ...                          | ...   | ...                  | -                                    | 20,631                             | ...                  | ...            |
| Passenger-miles(2) .....                                 | ...                          | ...   | ...                  | -                                    | 12,303,764                         | ...                  | ...            |
| Goods ton-miles(2) .....                                 | ...                          | 1,476                                       | -                    | -                                    | 1,476                              | ...                  | ...            |
| Total:   |                              |   |                      |                                      |                                    |                      |                |
| Departures .....   | 2,238                        | 422   | 422                  | 136                                  | 2,628                              | ...                  | ...            |
| Hours flown .....  | 526,961                      | 1,684                                       | 1,227                | 882                                  | 6,031                              | ...                  | ...            |
| Miles flown .....  | ...                          | 731,130                                     | 530,248              | 386,630                              | 2,164,969                          | ...                  | ...            |
| Passengers carried .....                                 | ...                          | ...   | ...                  | ...                                  | 115,535                            | ...                  | ...            |
| Goods carried .....                                      | ...                          | ...   | ...                  | ...                                  | 2,659,017                          | ...                  | ...            |
| Passenger-miles(2) .....                                 | ...                          | ...   | 33,977,204           | ...                                  | 128,197,477                        | ...                  | ...            |
| Goods ton-miles(2) .....                                 | 363,830                      | 1,209,650                                   | 361,362              | 329,677                              | 2,264,519                          | ...                  | ...            |

(1) Standard passenger weight used: 200 pounds.

(2) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

TABLE 7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)

January 1964

|  | United States  |                 |           | Europe                    |                 |           |
|--|----------------|-----------------|-----------|---------------------------|-----------------|-----------|
|  | To             | From            | Total     | To                        | From            | Total     |
| Passengers carried:                          |                |                 |           |                           |                 |           |
| Unit toll ..... No.                          | 66,353         | 67,406          | 133,759   | 8,005                     | 11,825          | 19,830    |
| Bulk ..... "                                 | 206            | 156             | 362       | 879                       | 3,332           | 4,211     |
| Totals ..... "                               | 66,559         | 67,562          | 134,121   | 8,884                     | 15,157          | 24,041    |
| Freight, express and excess baggage carried: |                |                 |           |                           |                 |           |
| Unit toll ..... lb.                          | 439,205        | 2,021,775       | 2,460,980 | 566,257                   | 1,007,228       | 1,573,485 |
| Bulk ..... "                                 | -              | -               | -         | 14,300                    | -               | 14,300    |
| Totals ..... "                               | 439,205        | 2,021,775       | 2,460,980 | 580,557                   | 1,007,228       | 1,587,785 |
| Mail carried (unit toll) ..... "             | 126,656        | 232,579         | 359,235   | 113,086                   | 134,870         | 247,956   |
| All other areas                              |                |                 |           | Totals                    |                 |           |
|  | To             | From            | Total     | To                        | From            | Total     |
| Passengers carried:                          |                |                 |           |                           |                 |           |
| Unit toll ..... No.                          | 7,864          | 10,029          | 17,893    | 82,222                    | 89,260          | 171,482   |
| Bulk ..... "                                 | -              | -               | -         | 1,085                     | 3,488           | 4,573     |
| Totals ..... "                               | 7,864          | 10,029          | 17,893    | 83,307                    | 92,748          | 176,055   |
| Freight, express and excess baggage carried: |                |                 |           |                           |                 |           |
| Unit toll ..... lb.                          | 157,215        | 69,069          | 226,284   | 1,162,677                 | 3,098,072       | 4,260,749 |
| Bulk ..... "                                 | -              | -               | -         | 14,300                    | -               | 14,300    |
| Totals ..... "                               | 157,215        | 69,069          | 226,284   | 1,176,977                 | 3,098,072       | 4,275,049 |
| Mail carried (unit toll) ..... "             | 19,491         | 19,616          | 39,107    | 259,233                   | 387,065         | 646,298   |
| Total by Canadian carriers                   |                |                 |           | Total by Foreign carriers |                 |           |
|  | Leaving Canada | Entering Canada | Total     | Leaving Canada            | Entering Canada | Total     |
| Passengers carried:                          |                |                 |           |                           |                 |           |
| Unit toll ..... No.                          | 51,798         | 56,582          | 108,380   | 30,424                    | 32,678          | 63,102    |
| Bulk ..... "                                 | 976            | 2,194           | 3,170     | 109                       | 1,294           | 1,403     |
| Totals ..... "                               | 52,774         | 58,776          | 111,550   | 30,533                    | 33,972          | 64,505    |
| Freight, express and excess baggage carried: |                |                 |           |                           |                 |           |
| Unit toll ..... lb.                          | 753,293        | 1,753,275       | 2,506,568 | 409,384                   | 1,344,797       | 1,754,181 |
| Bulk ..... "                                 | -              | -               | -         | 14,300                    | -               | 14,300    |
| Totals ..... "                               | 753,293        | 1,753,275       | 2,506,568 | 423,684                   | 1,344,797       | 1,768,481 |
| Mail carried (unit toll) ..... "             | 192,970        | 198,177         | 391,147   | 66,263                    | 188,888         | 255,151   |

(1) Passengers and goods in transit through Canada are excluded.

TABLE 8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service

January 1964

|                                      | Fixed wing aircraft |                |               |                | Helicopters   |                |               |                |
|--------------------------------------|---------------------|----------------|---------------|----------------|---------------|----------------|---------------|----------------|
|                                      | Month               |                | Year to date  |                | Month         |                | Year to date  |                |
|                                      | Revenue hours       | Revenue earned | Revenue hours | Revenue earned | Revenue hours | Revenue earned | Revenue hours | Revenue earned |
| Type of service:                     | No.                 | \$             | No.           | \$             | No.           | \$             | No.           | \$             |
| Aerial advertising .....             | -                   | -              |               |                | 31            | 3,008          |               |                |
| Aerial fish cultivation .....        | -                   | -              |               |                | -             | -              |               |                |
| Aerial patrol and inspection .....   | 382                 | 30,888         |               |                | 261           | 36,361         |               |                |
| Aerial pest control .....            | 2                   | 225            |               |                | -             | -              |               |                |
| Aerial photography and survey .....  | 77                  | 11,784         |               |                | 86            | 2,195          |               |                |
| Aerial photography (excl. survey) .. | 19                  | 445            |               |                | 17            | 1,342          |               |                |
| Aircraft rental .....                | 30                  | 483            |               |                | 3             | 250            |               |                |
| Flying training .....                | 1,694               | 31,014         |               |                | 28            | 1,822          |               |                |
| Geophysical survey .....             | 295                 | 54,314         |               |                | 20            | 3,917          |               |                |
| Non-transportation charter .....     | -                   | -              |               |                | 2             | 509            |               |                |
| Philanthropic .....                  | -                   | -              |               |                | -             | -              |               |                |
| Recreational flying .....            | 565                 | 9,937          |               |                | 11            | 2,751          |               |                |
| Specialty flying - Other .....       | -                   | -              |               |                | 4             | 531            |               |                |
| Totals .....                         | 3,064               | 139,090        |               |                | 463           | 52,686         |               |                |

TABLE 9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV

January 1964

|                                       | Carriers operating helicopters only |              | Carriers operating both helicopters and fixed wing aircraft |              | Total   |              |
|---------------------------------------|-------------------------------------|--------------|---|--------------|---------|--------------|
|                                       | Month                               | Year to date | Month   | Year to date | Month   | Year to date |
| Carriers reporting ..... No.          | 14                                  |              | 8   |              | 22      |              |
| Helicopters - Owned .....             | 111                                 |              | 13  |              | 124     |              |
| Leased .....                          | 6                                   |              | 2   |              | 8       |              |
| Totals .....                          | 117                                 |              | 15  |              | 132     |              |
| Revenue hours flown - Unit toll ..... | -                                   |              | -   |              | -       |              |
| Bulk .....                            | 577                                 |              | 65  |              | 642     |              |
| Specialty .....                       | 268                                 |              | 56  |              | 324     |              |
| Totals .....                          | 845                                 |              | 121   |              | 966     |              |
| Non-revenue hours flown .....         | 51                                  |              | 29  |              | 80      |              |
| Fuel and oil consumed:                |                                     |              |   |              |         |              |
| Gasoline ..... gal.                   | 18,707                              |              | 3,263   |              | 21,970  |              |
| Cost ..... \$                         | 7,703                               |              | 1,347   |              | 9,050   |              |
| Oil ..... gal.                        | 397                                 |              | 131   |              | 528     |              |
| Cost ..... \$                         | 447                                 |              | 163   |              | 610     |              |
| Average number of employees:          |                                     |              |   |              |         |              |
| Pilots ..... No.                      | 98                                  |              | 15  |              | 113     |              |
| Administrative .....                  | 50                                  |              | 1   |              | 51      |              |
| Maintenance labour .....              | 99                                  |              | 9   |              | 108     |              |
| Other personnel .....                 | 10                                  |              | -   |              | 10      |              |
| Totals .....                          | 257                                 |              | 25  |              | 282     |              |
| Salaries and wages:                   |                                     |              |   |              |         |              |
| Pilots ..... \$                       | 57,600                              |              | 8,937   |              | 66,537  |              |
| Administrative .....                  | 27,599                              |              | 900   |              | 28,499  |              |
| Maintenance labour .....              | 46,320                              |              | 4,566   |              | 50,886  |              |
| Other personnel .....                 | 3,770                               |              | -   |              | 3,770   |              |
| Totals .....                          | 135,289                             |              | 14,403  |              | 149,692 |              |



TABLE 10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV

January 1964

|  | Current month | Year to date |
|--|---------------|--------------|
|  | dollars       |              |
| Operating revenues:                      |               |              |
| Unit toll transportation:                |               |              |
| Passengers .....                         | -             |              |
| Express .....                            | -             |              |
| Freight .....                            | -             |              |
| Excess baggage .....                     | -             |              |
| Mail .....                               | -             |              |
| Total unit toll transportation .....     | -             |              |
| Bulk transportation .....                | 79,635        |              |
| Total transportation .....               | 79,635        |              |
| Other flying services .....              | 29,799        |              |
| Total flying services .....              | 109,434       |              |
| Non-flying services .....                | 12,723        |              |
| Total operating revenues .....           | 122,157       |              |
| Operating expenses:                      |               |              |
| Flying operations .....                  | 102,487       |              |
| Maintenance .....                        | 71,490        |              |
| General service and administration ..... | 64,206        |              |
| Depreciation and amortization .....      | 41,385        |              |
| Total operating expenses .....           | 279,568       |              |
| Operating income (deficit) .....         | Dr. 157,411   |              |
| Non-operating income:                    |               |              |
| Capital gains and losses .....           | -             |              |
| Interest and discounts .....             | 355           |              |
| Miscellaneous non-operating income ..... | 18,775        |              |
| Income before interest expense .....     | Dr. 138,281   |              |
| Interest expense .....                   | 5,113         |              |
| Income before income taxes .....         | Dr. 143,394   |              |
| Provision for income taxes .....         | -             |              |
| Net income after income taxes .....      | Dr. 143,394   |              |

TABLE 11. Operating Statistics, Canadian Group V Carriers

January 1964

|   | Quarter | Year to date |
|---|---------|--------------|
| Reporting carriers .....                | No.     |              |
| Transportation:                         |         |              |
| Hours flown .....                       | "       |              |
| Passengers carried .....                | "       |              |
| Goods carried .....                     | lb.     |              |
| Specialty flying services:              |         |              |
| Aerial advertising .....                | hr.     |              |
| Aerial fish cultivation .....           | "       |              |
| Aerial patrol and inspection .....      | "       |              |
| Aerial pest control .....               | "       |              |
| Aerial photography and survey .....     | "       |              |
| Aerial photography (excl. survey) ..... | "       |              |
| Aircraft rental .....                   | "       |              |
| Flying training .....                   | "       |              |
| Geophysical survey .....                | "       |              |
| Non-transportation charter .....        | "       |              |
| Philanthropic .....                     | "       |              |
| Recreational flying .....               | "       |              |
| Specialty flying - Other .....          | "       |              |
| Totals .....                            | "       |              |
| Total - All services:                   |         |              |
| Revenue hours flown .....               | No.     |              |
| Non-revenue hours flown .....           | "       |              |

CIVIL AVIATION DEFINITIONS(1)

Bulk Transportation:

- (1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4); and
- (2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).

Classification of Canadian Carriers by Groups

- Group I Carriers: Canadian Air Carriers licensed to perform both domestic and international scheduled services. (Trans-Canada Air Lines and Canadian Pacific Air Lines Ltd.).
- Group II Carriers: Canadian Air Carriers other than Group I carriers licensed to perform domestic scheduled services and Nordair Ltd.(2).
- Group III Carriers: Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$500,000 or over (excepting air carriers included in Group I and II).
- Group IV Carriers: Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$100,000 and over, but less than \$500,000.
- Group V Carriers: Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of less than \$100,000.

Cargo:

Air freight and air express (excluding mail and excess baggage).

Carrier, Air:

Any person who operates aircraft in or over Canada for hire or reward.

Non-Scheduled Carriers: Carriers not operating any scheduled (Class I) service.

Scheduled Carriers: Air Carriers serving designated points in accordance with a service schedule and at a toll per unit.

- 
- (1) Reference to Classes refers to the classification of air carriers as defined by the Air Transport Board and published in the "Directory of Canadian Commercial Air Services" Queen's Printer, Ottawa.
  - (2) For statistical purposes in this report, Nordair Ltd. is included with Group III carriers.

Freedoms of the Air:

- First Freedom: The privilege to fly over the territory of a foreign country without landing.
- Second Freedom: The privilege to land on the territory of a foreign country for non-traffic purposes.
- Third Freedom: The privilege to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
- Fourth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
- Fifth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the privilege to put down in a foreign country, passengers, mail and cargo coming from any such territory.

Goods: Air Cargo (freight and express) plus mail and excess baggage.

Interline Traffic:

- Domestic Interline: Passengers and goods received by a carrier at Canadian points from other Canadian Air Carriers.
- Foreign Interline: Passengers and goods received by a carrier from Foreign Air Carriers.
- Divisional Interline: Passengers and goods received from other operating divisions of the same carrier.

International Services:

- Trans-Border Services: Services between Canada and the United States.
- Southern Services: Services between Canada and Bermuda, the Caribbean, Mexico, Central or South America.
- Trans-Atlantic and Polar Services: Services between Canada and Europe.
- Pacific and Orient Services: Services between Canada and points in the Pacific Ocean or the Orient.

Load Capacity Available: Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, stewards' supplies, etc.

|                                   |  |
|-----------------------------------|--|
| <u>Load Factor, Passenger:</u>    | Ratio of revenue passenger-miles performed to available seat-miles.  |
| <u>Load Factor, Weight:</u>       | - See Weight, Load-Factor.   |
| <u>Miles:</u>                     | Statute miles of 5,280 ft.   |
| <u>Passenger:</u>                 | A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger. A round trip passenger is counted as two passengers.   |
| Passenger Load-Factor:            | - See Load Factor, Passenger.  |
| Passenger-Mile:                   | The transportation of one passenger one mile.  |
| Non-Revenue Passenger:            | A child or adult carried on a revenue transportation flight for whom no fare is collected, including company personnel.  |
| Revenue Passenger:                | A child or adult for which a fare or part of a fare is paid.   |
| <u>Seat-Miles Available:</u>      | Seats available for the transportation of passengers multiplied by the miles flown on each inter-station flight.   |
| <u>Specialty Flying Services:</u> | Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising.   |
| <u>Tons:</u>                      | Short tons of 2,000 lbs.   |
| <u>Ton-Mile:</u>                  | The transportation of one ton of goods one mile.   |
| <u>Ton-Miles Available:</u>       | Available load capacity multiplied by miles flown on each inter-station flight.  |
| <u>Unit Toll Transportation:</u>  | Public transportation of passengers and goods at a toll per unit. It includes: <ul style="list-style-type: none"><li>(i) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class I); and</li><li>(ii) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3).</li></ul> |
| <u>Weight Load Factor:</u>        | Ratio of revenue ton-miles performed to available ton-miles.   |







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## SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures are not available.
- ... Figures not appropriate or not applicable.
- Nil or zero.

## INTRODUCTION

"Civil Aviation" reports are prepared from monthly and quarterly schedules filed with the Air Transport Board and the Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly returns filed with the Dominion Bureau of Statistics by foreign air carriers operating in Canada.

For reporting purposes, Canadian air carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. These groups are described on page twenty of this publication along with other definitions. It should be noted that the definition of each of the five groups has been revised as of 1st January, 1964. This revision resulted in four former group III carriers being transferred to Group IV and 24 former Group IV carriers being transferred to Group V. It should also be noted that Nordair Ltd., classified as a Group II carrier by the Air Transport Board, is included with Group III carriers for statistical purposes. Group V comprises small air carriers required to file returns on a quarterly basis only. Data on their operations are excluded from the other carrier statistics appearing throughout the report.

Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. A complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

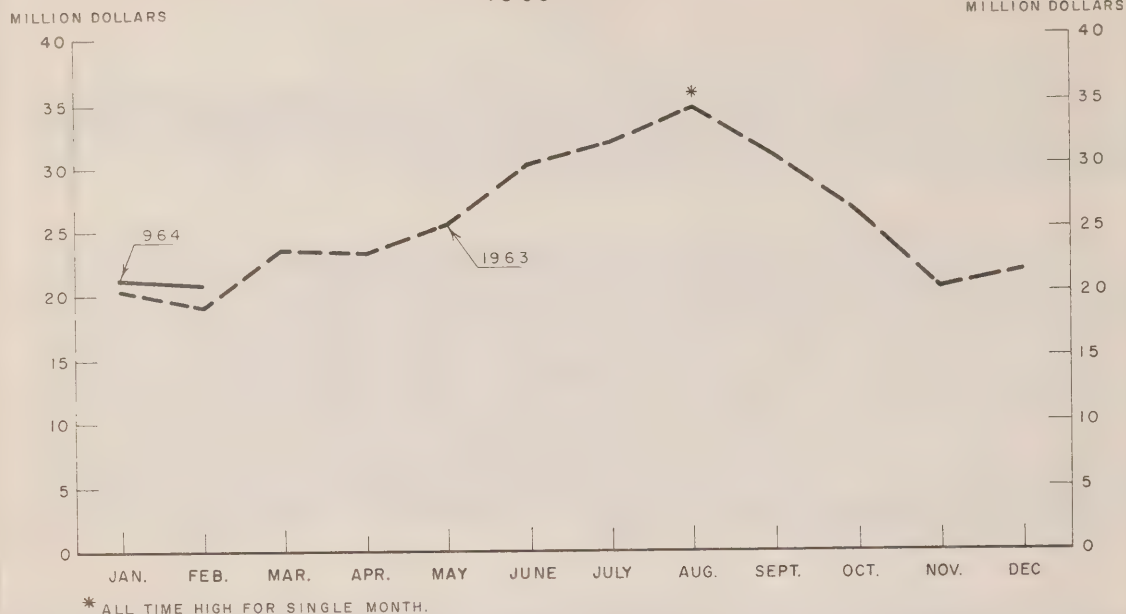
Domestic and international operations of Canadian carriers are combined in all tables except Table 6 which provides a breakdown of domestic and international operations for Canadian carriers operating international unit toll and bulk services.

Commencing with the January, 1964 issue, bulk transport passenger-miles and goods-ton-miles have been added to the statistical data of this report. However, because of survey limitations, this data refers only to aircraft which has a minimum authorized take-off weight on wheels in excess of 18,000 pounds. Operating data covering bulk international flights have also been added to Table 6. It should be noted, however, that the number of carriers reporting international bulk services may vary from month to month.

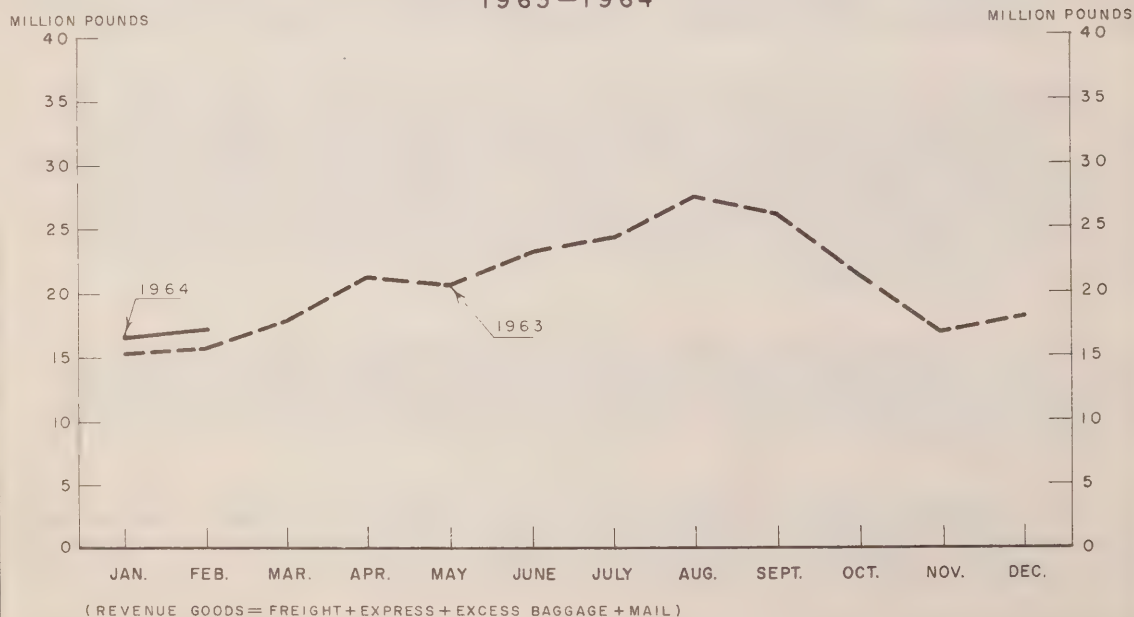
Table 7 provides data on traffic leaving and entering Canada on an area of service basis. Passengers, cargo and mail in transit through Canada are excluded. The table contains the operations of both Canadian and Foreign carriers with separate totals for each.

Also commencing with the January, 1964 issue of "Civil Aviation", data on helicopters have been expanded to include more detail. A split has been made between the use of fixed wing aircraft and helicopters for specialty flying.

# OPERATING REVENUE OF CANADIAN AIR CARRIERS 1963-1964



# REVENUE GOODS CARRIED BY CANADIAN AIR CARRIERS 1963-1964





## REVIEW OF FEBRUARY OPERATIONS

Increases were reported in the transportation of both revenue passengers and goods by Canadian Air Carriers during the month of February compared with February 1963. Passengers carried totalled 382,856, an increase of 6.4 per cent. Goods transported rose to 8,605 tons, an increase of 9.0 per cent. The revenue miles flown were up 4.1 per cent to 6,787,010. Passenger-miles and goods-ton-miles performed by Canadian carriers in unit toll and bulk services totalled 268,706,293 and 7,040,877 respectively. Unit toll services accounted for 95.4 per cent of the total passenger-miles and 86.4 per cent of the total goods-ton-miles.

February operating revenues showed a 8.7 per cent increase over February 1963 to \$20,749,398 while operating expenses rose 7.7 per cent to \$22,884,814, thus an operating loss of \$2,135,416 was reported. This compares with a loss of \$2,169,771 for the same month the previous year. A net deficit after provision for income taxes of \$2,854,918 was reported as against a deficit of \$2,953,886 in February, 1963.

Revenue hours reported flown by 14 carriers who operated 120 helicopters exclusively amounted to 1,091. Hours reported flown by 16 helicopters operated by 8 fixed wing carriers totalled 297. Operating revenues reported by helicopter carriers amounted to \$164,023 while the operating expenses amounted to \$295,465.

In February the six scheduled carriers transported 359,243 revenue passengers, 93.8 per cent of all passengers carried by all Canadian carriers. They also carried 6,040 tons of revenue goods, 70.2 per cent of the total. Operating revenues amounted to \$19,322,438 or 93.1 per cent of all Canadian air carrier revenues. Operating expenses amounted to \$21,163,366 or 92.5 per cent of the total. Comparable figures for February 1963 are: passengers 92.1 per cent, goods 56.9 per cent, revenues 92.1 per cent and expenses 90.7 per cent.

Revenue passenger-miles performed by Canadian Carriers in international unit toll service in February amounted to 120,761,802 or 48.8 per cent of the total unit toll passenger-miles. The division of international services by area was as follows:

| <u>Area</u>                    | <u>Percentage</u> |
|--------------------------------|-------------------|
| Trans-Border .....             | 20.3              |
| Trans-Atlantic and Polar ..... | 27.2              |
| Southern .....                 | 34.8              |
| Pacific and Orient .....       | 17.7              |
| Total .....                    | 100.0             |

### The Cumulative View

The two months of 1964 compared with the same period in 1963 showed the revenue passengers carried increased 3.7 per cent to 778,033, while revenue goods rose 8.1 per cent to 16,881 tons. Passenger-miles and goods-ton-miles performed by Canadian carriers totalled 550,553,174 and 13,585,707 respectively. Operating revenues increased 6.3 per cent to \$41,972,841 while operating expenses increased 7.6 per cent to \$46,749,105.

### Foreign Carriers

Foreign carriers licensed to operate in Canada transported 61,743 revenue passengers during February, an increase of 21.0 per cent over February 1963. Revenue goods carried totalled 1,282 tons, an increase of 35.2 per cent. Foreign carriers report hours and miles flown over Canadian territory only. Statistics of passengers and goods in transit have been excluded.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

February 1964

|                                      | Canadian carriers                           |                        |           |           |                        | Total Canadian carriers | Foreign carriers (2)       |               | Grand total all carriers | Year to date |
|--------------------------------------|---|------------------------|-----------|-----------|------------------------|-------------------------|----------------------------|---------------|--------------------------|--------------|
|                                      | Scheduled carriers<br>Group I<br>and II (1) | Non-scheduled carriers |           |           | United States carriers |                         | Other Foreign carriers (3) |               |                          |              |
|                                      |   | Group III (1)          | Group IV  | Total     |                        |                         |                            |               |                          |              |
| Number of carriers reporting ...     | 6   | 15                     | 49        | 64        | 70                     | 10                      | 9                          | 89            | ..                       |              |
| Revenue transportation services:     |   |                        |           |           |                        |                         |                            |               |                          |              |
| Unit toll:                           |   |                        |           |           |                        |                         |                            |               |                          |              |
| Departures .....                     | 15,704                                      | 2,059                  | 534       | 2,593     | 18,297                 | ..                      | ..                         | ..            | ..                       |              |
| Hours flown .....                    | 19,252                                      | 1,935                  | 242       | 2,177     | 21,429                 | 310                     | 761                        | 22,500        | 46,355                   |              |
| Miles scheduled .....                | 5,059,279                                   | ...                    | ...       | ...       | 5,059,279              | 78,775                  | 308,530                    | 5,446,584     | 11,097,592               |              |
| Miles flown:                         |   |                        |           |           |                        |                         |                            |               |                          |              |
| Scheduled .....                      | 5,031,693 (4)                               | ...                    | ...       | ...       | 5,031,693 (4)          | 77,237                  | 310,018                    | 5,418,948 (4) | 11,139,933 (4)           |              |
| Non-scheduled .....                  | 233,067 (4)                                 | 239,800                | 29,837    | 269,637   | 502,704 (4)            | 57                      | -                          | 502,761 (4)   | 1,049,909 (4)            |              |
| Totals .....                         | 5,264,760                                   | 239,800                | 29,837    | 269,637   | 5,534,397              | 77,294                  | 310,018                    | 5,921,709     | 12,189,842               |              |
| Passengers carried .....             | 350,154                                     | 6,108                  | 1,950     | 8,058     | 358,212                | 47,636                  | 13,893                     | 419,741       | 855,856                  |              |
| Goods carried:                       |   |                        |           |           |                        |                         |                            |               |                          |              |
| Cargo .....                          | 7,132,062                                   | 502,448                | 93,609    | 596,057   | 7,728,119              | 729,700                 | 1,537,959                  | 10,099,892    | 19,834,108               |              |
| Excess baggage .....                 | 94,803 (5)                                  | 1,461                  | 7,850     | 9,311     | 104,114 (5)            | 139,645                 | 102,445                    | 4,020,707     | 8,032,928                |              |
| Mail .....                           | 3,604,489                                   | 154,851                | 19,277    | 174,128   | 3,778,617              | 869,345                 | 1,640,404                  | 14,120,599    | 27,887,036               |              |
| Totals .....                         | 10,831,354                                  | 658,760                | 120,736   | 779,496   | 11,610,850             | 2,063,991               | 9,148,852                  | 267,613,544   | 547,680,546              |              |
| Passenger-miles .....                | 255,238,727                                 | 1,091,942              | 70,032    | 1,161,974 | 256,400,701            | 2,063,991               | 9,148,852                  | 267,613,544   | 547,680,546              |              |
| Goods ton-miles:                     |   |                        |           |           |                        |                         |                            |               |                          |              |
| Cargo .....                          | 4,255,077                                   | 103,076                | 3,696     | 106,772   | 4,361,849              | 17,332                  | 563,484                    | 5,152,059     | 9,934,619                |              |
| Excess baggage .....                 | 208,487                                     | 806                    | 101       | 907       | 209,394                | 3,140                   | 47,184                     | 1,564,362     | 3,111,099                |              |
| Mail .....                           | 1,479,214                                   | 33,980                 | 844       | 34,824    | 1,514,038              | 20,472                  | 610,668                    | 6,716,421     | 13,045,718               |              |
| Totals .....                         | 5,942,778                                   | 137,862                | 4,641     | 142,503   | 6,085,281              | 20,472                  | 610,668                    | 6,716,421     | 13,045,718               |              |
| Bulk:                                |   |                        |           |           |                        |                         |                            |               |                          |              |
| Departures .....                     | 1,680                                       | 3,346                  | 6,881     | 10,227    | 11,907                 | ..                      | ..                         | ..            | ..                       |              |
| Hours flown .....                    | 2,288                                       | 3,817                  | 4,523     | 8,340     | 10,628                 | -                       | 26                         | 10,654        | 20,322                   |              |
| Miles flown .....                    | 396,473                                     | 392,471                | 463,669   | 856,140   | 1,252,613              | -                       | 8,856                      | 1,261,469     | 2,485,092                |              |
| Passengers carried .....             | 9,089                                       | 6,127                  | 9,428     | 15,555    | 24,644                 | -                       | 214                        | 48,425        | 48,425                   |              |
| Freight carried .....                | 1,249,639                                   | 2,906,727              | 1,442,010 | 4,348,737 | 5,598,376              | -                       | 51,577                     | 5,649,953     | 10,459,594               |              |
| Passenger-miles (6) .....            | 11,909,224                                  | 395,466                | 902       | 396,368   | 12,305,592             | -                       | ..                         | ..            | ..                       |              |
| Goods ton-miles (6) .....            | 435,298                                     | 439,845                | 80,453    | 520,298   | 955,596                | -                       | ..                         | ..            | ..                       |              |
| Revenue non-transportation services: |   |                        |           |           |                        |                         |                            |               |                          |              |
| Specialty flying - Hours flown "     | 219   | 823                    | 3,913     | 4,955     | 4,955                  | -                       | -                          | 4,955         | 8,482                    |              |

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

February 1964

|                                    | Canadian carriers   |               |                        |           | Total Canadian carriers | Foreign carriers (2)   |                            | Grand total all carriers | Year to date   |
|------------------------------------|---------------------|---------------|------------------------|-----------|-------------------------|------------------------|----------------------------|--------------------------|----------------|
|                                    | Scheduled carriers  |               | Non-scheduled carriers |           |                         | United States carriers | Other Foreign carriers (3) |                          |                |
|                                    | Groups I and II (1) | Group III (1) | Group IV               | Total     |                         |                        |                            |                          |                |
| Total - All services:              |                     |               |                        |           |                         |                        |                            |                          |                |
| Revenue:                           |                     |               |                        |           |                         |                        |                            |                          |                |
| Traffic, miles and hours: (7)      |                     |               |                        |           |                         |                        |                            |                          |                |
| Departures .....                   | 17,384              | 5,405         | 7,415                  | 12,820    | 30,204                  | ..                     | ..                         | ..                       | ..             |
| Hours flown .....                  | 21,759              | 6,575         | 8,682                  | 15,257    | 37,016                  | 310                    | 787                        | 38,113                   | 75,163         |
| Miles flown .....                  | 5,661,233           | 632,271       | 493,506                | 1,125,777 | 6,787,010               | 77,294                 | 318,874                    | 7,183,178                | 14,674,934     |
| Passengers carried .....           | 359,243             | 12,235        | 11,378                 | 23,613    | 382,856                 | 47,636                 | 14,107                     | 444,599                  | 904,281        |
| Cargo carried .....                | 8,381,701           | 3,409,175     | 1,535,619              | 4,944,794 | 13,326,495              | 729,700 (8)            | 1,589,536 (8)              | 15,749,845 (8)           | 30,183,287 (8) |
| Goods carried .....                | 12,080,993          | 3,565,487     | 1,562,746              | 5,128,233 | 17,209,226              | 869,345                | 1,691,981                  | 19,770,552               | 38,346,630     |
| Passenger-miles (6) .....          | 267,147,951         | 1,487,408     | 70,934                 | 1,558,342 | 268,706,293             | 2,063,991              | ..                         | ..                       | ..             |
| Goods ton-miles (6) .....          | 6,378,076           | 577,707       | 85,094                 | 662,801   | 7,040,877               | 20,472                 | ..                         | ..                       | ..             |
| Non-revenue:                       |                     |               |                        |           |                         |                        |                            |                          |                |
| Hours flown .....                  | 717                 | 247           | 296                    | 543       | 1,260                   | 3                      | -                          | 1,263                    | 2,184          |
| Passengers carried .....           | ..                  | 70            | 46                     | 116       | ..                      | 854                    | 241                        | ..                       | ..             |
| Goods carried .....                | ..                  | 21,918        | ..                     | 21,918    | ..                      | 10,187                 | 34,993                     | ..                       | ..             |
| Passenger-miles .....              | 11,200,855          | 65,934        | 246                    | 66,180    | 11,267,035              | 37,521                 | 154,423                    | ..                       | ..             |
| Goods ton-miles .....              | 435,168             | 64,434        | -                      | 64,434    | 499,602                 | 252                    | 10,962                     | ..                       | ..             |
| Fuel and oil consumed:             |                     |               |                        |           |                         |                        |                            |                          |                |
| Turbo fuel - Quantity .....        | 13,628,031          | -             | 6,902                  | 6,902     | 13,634,933              | 101,397                | 1,856,034                  | 15,592,364               | 32,479,741     |
| Cost .....                         | 1,961,268           | -             | 2,009                  | 2,009     | 1,963,277               | 14,761                 | 280,919                    | 2,258,957                | 4,740,404      |
| Gasoline - Quantity .....          | 825,624             | 294,367       | 119,499                | 413,866   | 1,239,490               | 43,827                 | 146,865                    | 1,430,182                | 2,850,109      |
| Cost .....                         | 276,879             | 119,337       | 55,331                 | 174,668   | 451,547                 | 10,976                 | 40,102                     | 502,625                  | 956,940        |
| Turbo oil - Quantity .....         | 3,111               | -             | 1                      | 1         | 3,112                   | 7                      | 3,199                      | 6,565                    | ..             |
| Cost .....                         | 29,599              | -             | 15                     | 15        | 29,614                  | 42                     | 706                        | 30,362                   | 59,520         |
| Other oil - Quantity .....         | 10,267              | 2,866         | 1,788                  | 4,654     | 14,921                  | 643                    | 596                        | 16,160                   | 33,553         |
| Cost .....                         | 11,254              | 3,449         | 2,357                  | 5,806     | 17,060                  | 528                    | 460                        | 18,048                   | 38,280         |
| Average number of employees:       |                     |               |                        |           |                         |                        |                            |                          |                |
| Pilots and co-pilots .....         | 997                 | 239           | 213                    | 452       | 1,449                   | ..                     | ..                         | ..                       | ..             |
| Other flight personnel .....       | 1,000               | 13            | 21                     | 34        | 1,034                   | ..                     | ..                         | ..                       | ..             |
| General management .....           | 349                 | 82            | 71                     | 153       | 502                     | ..                     | ..                         | ..                       | ..             |
| Maintenance labour .....           | 3,565               | 295           | 181                    | 476       | 4,041                   | ..                     | ..                         | ..                       | ..             |
| Aircraft & traffic servicing ..... | 5,044               | 88            | 37                     | 125       | 5,169                   | ..                     | ..                         | ..                       | ..             |
| Other personnel .....              | 4,382               | 202           | 121                    | 323       | 4,705                   | ..                     | ..                         | ..                       | ..             |
| Totals .....                       | 15,337              | 919           | 644                    | 1,563     | 16,900                  | 231                    | 735                        | 17,866                   | 17,844         |
| Salaries and wages paid:           |                     |               |                        |           |                         |                        |                            |                          |                |
| Pilots and co-pilots .....         | 1,153,393           | 168,034       | 114,293                | 282,327   | 1,435,720               | ..                     | ..                         | ..                       | ..             |
| Other flight personnel .....       | 447,497             | 8,207         | 7,802                  | 16,009    | 463,506                 | ..                     | ..                         | ..                       | ..             |
| General management .....           | 288,149             | 55,276        | 38,694                 | 93,970    | 382,119                 | ..                     | ..                         | ..                       | ..             |
| Maintenance labour .....           | 1,669,946           | 125,342       | 74,126                 | 199,468   | 1,869,414               | ..                     | ..                         | ..                       | ..             |
| Aircraft & traffic servicing ..... | 2,214,538           | 31,215        | 12,682                 | 43,897    | 2,258,435               | ..                     | ..                         | ..                       | ..             |
| Other personnel .....              | 2,114,323           | 75,458        | 33,213                 | 108,671   | 2,222,994               | ..                     | ..                         | ..                       | ..             |
| Totals .....                       | 7,887,846           | 463,532       | 280,810                | 744,342   | 8,632,188               | 122,504                | 393,027                    | 9,147,719                | 18,413,573     |

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

(2) See "Foreign Carriers", page 7, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Trans-Canada Air Lines.

(6) Excludes chartered aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(7) These data exclude non-transportation services, except for hours flown.

(8) Includes excess baggage.

(9) Data in Tables 4, 5, 6, 7, 8 and 9 included in this table.

TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group

February 1964

|                                       | Scheduled carriers |              |               | Non-scheduled carriers |             |             | Grand total   | Year to date  |
|---------------------------------------|--------------------|--------------|---------------|------------------------|-------------|-------------|---------------|---------------|
|                                       | Group I            | Group II (1) | Total         | Group III (1)          | Group IV    | Total       |               |               |
|                                       | dollars            |              |               |                        |             |             |               |               |
| Operating revenues:                   |                    |              |               |                        |             |             |               |               |
| Unit toll transportation:             |                    |              |               |                        |             |             |               |               |
| Passengers .....                      | 14,898,467         | 670,731      | 15,569,198    | 141,756                | 19,150      | 160,906     | 15,730,104    | 32,070,871    |
| Express .....                         | 283,060            | 13,401       | 296,461       | 10,023                 | 4,369       | 14,392      | 311,053       | 649,946       |
| Freight .....                         | 1,004,557          | 157,097      | 1,161,654     | 63,254                 | 2,014       | 65,268      | 1,226,922     | 2,409,255     |
| Excess baggage .....                  | 110,333            | 11,306       | 121,639       | 2,303                  | 447         | 2,750       | 124,389       | 241,746       |
| Mail .....                            | 1,147,968          | 151,779      | 1,299,747     | 59,370                 | 3,780       | 63,150      | 1,362,897     | 2,684,334     |
| Total unit toll transportation ..     | 17,444,385         | 1,004,314    | 18,448,699    | 276,706                | 29,960      | 306,666     | 18,755,365    | 38,056,152    |
| Bulk transportation .....             | 326,697            | 380,860      | 707,557       | 498,384                | 329,369     | 827,753     | 1,535,310     | 2,985,139     |
| Total transportation .....            | 17,771,082         | 1,385,174    | 19,156,256    | 775,090                | 359,329     | 1,134,419   | 20,290,675    | 41,041,291    |
| Other flying services .....           | 1,947              | 6,332        | 8,279         | 116,702                | 101,206     | 217,908     | 226,187       | 423,164       |
| Total flying services .....           | 17,773,029         | 1,391,506    | 19,164,535    | 891,792                | 460,535     | 1,352,327   | 20,516,862    | 41,464,455    |
| Non-flying services .....             | 132,393            | 25,510       | 157,903       | 39,111                 | 35,522      | 74,633      | 232,536       | 508,386       |
| Total operating revenues .....        | 17,905,422         | 1,417,016    | 19,322,438    | 930,903                | 496,057     | 1,426,960   | 20,749,398    | 41,972,841    |
| Operating expenses:                   |                    |              |               |                        |             |             |               |               |
| Flying operations .....               | 4,692,200          | 520,355      | 5,212,555     | 420,563                | 227,884     | 648,447     | 5,861,002     | 12,005,945    |
| Maintenance .....                     | 4,117,083          | 487,137      | 4,604,220     | 342,184                | 190,740     | 532,924     | 5,137,144     | 10,729,424    |
| General services and administration:  |                    |              |               |                        |             |             |               |               |
| Passenger service .....               | 1,431,988          | 40,784       | 1,472,772     | ..                     | ..          | ..          | ..            | ..            |
| Aircraft and traffic servicing .....  | 3,000,641          | 247,370      | 3,248,011     | ..                     | ..          | ..          | ..            | ..            |
| Promotion and sales .....             | 3,133,558          | 107,126      | 3,240,684     | ..                     | ..          | ..          | ..            | ..            |
| General administration .....          | 864,990            | 109,068      | 974,058       | ..                     | ..          | ..          | ..            | ..            |
| Totals .....                          | 8,431,177          | 494,348      | 8,935,525     | 241,060                | 116,344     | 357,404     | 9,292,929     | 15,744,598    |
| Depreciation and amortization .....   | 2,294,824          | 116,242      | 2,411,066     | 109,286                | 73,387      | 182,673     | 2,593,739     | 5,269,138     |
| Total operating expenses .....        | 19,535,284         | 1,628,082    | 21,163,366    | 1,113,093              | 608,355     | 1,721,448   | 22,884,814    | 46,749,105    |
| Operating income (loss) .....         | Dr. 1,629,862      | Dr. 211,066  | Dr. 1,840,928 | Dr. 182,190            | Dr. 112,298 | Dr. 294,488 | Dr. 2,135,416 | Dr. 4,776,264 |
| Non-operating income - Net:           |                    |              |               |                        |             |             |               |               |
| Capital gains and losses .....        | 17,280             | 1,990        | 19,270        | 81,925                 | 11,574      | 93,499      | 112,769       | 116,247       |
| Interest and discounts .....          | 140,228            | 70           | 140,298       | 737                    | 1,460       | 2,197       | 142,495       | 281,109       |
| Miscellaneous non-operating income .. | 808                | 994          | 186           | 13,668                 | 142         | 13,810      | 13,624        | 43,348        |
| Income before interest expense .....  | Dr. 1,471,546      | Dr. 210,000  | Dr. 1,681,546 | Dr. 85,860             | Dr. 99,122  | Dr. 184,982 | Dr. 1,866,528 | Dr. 4,335,560 |
| Interest expense .....                | 883,441            | 61,190       | 944,631       | 25,366                 | 11,454      | 36,820      | 981,451       | 2,053,624     |
| Income before income taxes .....      | Dr. 2,354,987      | Dr. 271,190  | Dr. 2,626,177 | Dr. 111,226            | Dr. 110,576 | Dr. 221,802 | Dr. 2,847,979 | Dr. 6,389,184 |
| Provision for income taxes .....      | -                  | -            | -             | 5,285                  | 1,654       | 6,939       | 6,939         | 12,897        |
| Net income after income taxes .....   | Dr. 2,354,987      | Dr. 271,190  | Dr. 2,626,177 | Dr. 116,511            | Dr. 112,230 | Dr. 228,741 | Dr. 2,854,918 | Dr. 6,402,081 |

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

(2) Data in Tables 3, 8 and 10 included in this table.



TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

February 1964

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|                                       | Canadian<br>Pacific<br>Air Lines | Eastern<br>Provincial<br>Airways<br>(1963) | Pacific<br>Western<br>Airlines | Quebecair<br>Inc. | Transair<br>Ltd. | Trans-<br>Canada<br>Air Lines | Total         | Year<br>to<br>date |
|---------------------------------------|----------------------------------|--|--------------------------------|-------------------|------------------|-------------------------------|---------------|--------------------|
| Operating revenues:                   |                                  |  |                                |                   |                  |                               |               |                    |
| Unit toll transportation:             |                                  |  |                                |                   |                  |                               |               |                    |
| Passengers .....                      | 3,685,374                        | 114,057                                    | 236,985                        | 193,351           | 126,338          | 11,213,093                    | 15,569,198    | 31,716,854         |
| Express .....                         | 14,119                           | 1,817                                      | 8,931                          | -                 | 2,653            | 288,941                       | 296,461       | 626,422            |
| Freight .....                         | 278,660                          | 53,368                                     | 56,245                         | 30,348            | 16,936           | 725,897                       | 1,161,654     | 2,272,812          |
| Excess baggage .....                  | 34,266                           | 1,173                                      | 4,530                          | 4,608             | 995              | 76,067                        | 121,639       | 235,393            |
| Mail .....                            | 236,817                          | 76,037                                     | 44,810                         | 5,985             | 24,947           | 911,151                       | 1,299,747     | 2,564,763          |
| Total unit toll transportation ..     | 4,249,236                        | 246,652                                    | 351,501                        | 234,292           | 171,869          | 13,195,149                    | 18,448,699    | 37,416,244         |
| Bulk transportation .....             | 108,587                          | 78,822                                     | 154,941                        | 1,243             | 145,854          | 218,110                       | 707,557       | 1,405,325          |
| Total transportation .....            | 4,357,823                        | 325,474                                    | 506,442                        | 235,535           | 317,723          | 13,413,259                    | 19,156,256    | 38,821,569         |
| Other flying services .....           | -                                | 6,332                                      | -                              | -                 | -                | 1,947                         | 8,279         | 26,472             |
| Total flying services .....           | 4,357,823                        | 331,806                                    | 506,442                        | 235,535           | 317,723          | 13,415,206                    | 19,164,535    | 38,848,041         |
| Non-flying services .....             | 74,405                           | 20,166                                     | 1,416                          | 1,880             | 2,048            | 57,988                        | 157,903       | 342,139            |
| Total operating revenues .....        | 4,432,228                        | 351,972                                    | 507,858                        | 237,415           | 319,771          | 13,473,194                    | 19,322,438    | 39,190,180         |
| Operating expenses:                   |                                  |  |                                |                   |                  |                               |               |                    |
| Flying operations .....               | 1,647,044                        | 118,748                                    | 199,928                        | 66,965            | 135,714          | 3,045,156                     | 5,212,555     | 10,724,372         |
| Maintenance .....                     | 695,193                          | 173,194                                    | 127,879                        | 68,806            | 117,258          | 3,421,890                     | 4,604,220     | 9,702,474          |
| General services and administrations: |                                  |  |                                |                   |                  |                               |               |                    |
| Passenger service .....               | 381,230                          | 4,204                                      | 14,983                         | 9,556             | 12,041           | 1,050,758                     | 1,472,772     | 2,968,802          |
| Aircraft and traffic servicing .....  | 542,728                          | 80,550                                     | 122,560                        | 27,172            | 17,088           | 2,457,913                     | 3,248,011     | 6,528,936          |
| Promotion and sales .....             | 844,655                          | 7,973                                      | 15,689                         | 46,819            | 36,645           | 2,288,903                     | 3,240,684     | 6,340,754          |
| General administration .....          | 176,093                          | 29,124                                     | 34,454                         | 26,778            | 18,712           | 688,897                       | 974,058       | 1,968,736          |
| Totals .....                          | 1,944,706                        | 121,851                                    | 187,686                        | 110,325           | 84,486           | 6,486,471                     | 8,935,525     | 18,007,228         |
| Depreciation and amortization .....   | 189,509                          | 35,665                                     | 27,186                         | 33,205            | 20,186           | 2,105,315                     | 2,411,066     | 4,870,142          |
| Total operating expenses .....        | 4,476,452                        | 449,458                                    | 541,679                        | 279,301           | 357,644          | 15,058,832                    | 21,163,366    | 43,304,216         |
| Operating income (loss) .....         | Dr. 44,224                       | Dr. 97,486                                 | Dr. 33,821                     | Dr. 41,886        | Dr. 37,873       | Dr. 1,585,638                 | Dr. 1,840,928 | Dr. 4,114,036      |
| Non-operating income - Net:           |                                  |  |                                |                   |                  |                               |               |                    |
| Capital gains and losses .....        | -                                | -  | 430                            | 2,420             | -                | 17,280                        | 19,270        | 21,648             |
| Interest and discounts .....          | 48,063                           | -  | -                              | 44                | 26               | 92,165                        | 140,298       | 277,050            |
| Miscellaneous non-operating income .. | 3,144                            | -  | 54                             | 761               | 179              | 2,336                         | 186           | 21,962             |
| Income before interest expense .....  | 6,983                            | Dr. 97,486                                 | Dr. 34,305                     | Dr. 40,183        | Dr. 38,026       | Dr. 1,478,529                 | Dr. 1,681,546 | Dr. 3,793,376      |
| Interest expense .....                | -                                | 30,711                                     | 11,853                         | 12,852            | 5,774            | 883,441                       | 944,631       | 1,977,140          |
| Income before income taxes .....      | 6,983                            | Dr. 128,197                                | Dr. 46,158                     | Dr. 53,035        | Dr. 43,800       | Dr. 2,361,970                 | Dr. 2,626,177 | Dr. 5,770,516      |
| Provision for income taxes .....      | -                                | -  | -                              | -                 | -                | -                             | -             | -                  |
| Net income after income taxes .....   | 6,983                            | Dr. 128,197                                | Dr. 46,158                     | Dr. 53,035        | Dr. 43,800       | Dr. 2,361,970                 | Dr. 2,626,177 | Dr. 5,770,516      |

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

February 1964

|   | Group I carriers           |                        |             | Group II carriers                 |                             |                    |                   |            | Grand total |
|---|----------------------------|------------------------|-------------|-----------------------------------|-----------------------------|--------------------|-------------------|------------|-------------|
|   | Canadian Pacific Air Lines | Trans-Canada Air Lines | Total       | Eastern Provincial Airways (1963) | Pacific Western Airlines(1) | Quebecair Inc. (1) | Transair Ltd. (1) | Total (1)  |             |
| Revenue transportation services:                      |                            |                        |             |                                   |                             |                    |                   |            |             |
| Unit toll:  |                            |                        |             |                                   |                             |                    |                   |            |             |
| Departures .....                                      | 1,721                      | 9,826                  | 11,547      | 1,167                             | 1,114                       | 930                | 946               | 4,157      | 15,704      |
| Hours flown .....                                     | 3,315                      | 12,252                 | 15,567      | 850                               | 1,238                       | 694                | 903               | 3,685      | 19,252      |
| Miles scheduled .....                                 | 1,149,722                  | 3,531,600              | 4,681,322   | 66,980                            | 156,822                     | 68,260             | 85,895            | 377,937    | 5,059,279   |
| Miles flown:  |                            |                        |             |                                   |                             |                    |                   |            |             |
| Scheduled - Regular .....                             | 1,140,083                  | 3,456,944              | 4,597,027   | 48,189                            | 155,616                     | 67,505             | 85,583            | 356,893    | 4,953,920   |
| Extra section .....                                   | 119                        | 59,174                 | 59,293      | 1,668                             | 10,657                      | 156                | 5,999             | 18,480     | 77,773      |
| Non-scheduled .....                                   | 45,367                     | -                      | 45,367      | 80,915                            | 18,225                      | 49,429             | 39,131            | 187,700    | 233,067     |
| Totals .....  | 1,185,569                  | 3,516,118              | 4,701,687   | 130,772                           | 184,498                     | 117,090            | 130,713           | 563,073    | 5,264,760   |
| Ratio of regular miles flown to miles scheduled ..... | 99.2                       | 97.9                   | 98.2        | 71.9                              | 99.2                        | 98.9               | 99.6              | 94.4       | 97.9        |
| Passengers carried .....                              | 38,058                     | 281,722                | 319,780     | 7,179                             | 11,560                      | 7,102              | 4,533             | 30,374     | 350,154     |
| Goods carried:  |                            |                        |             |                                   |                             |                    |                   |            |             |
| Freight .....   | 629,162                    | 4,404,974              | 5,034,136   | 517,314                           | 440,038                     | 147,402            | 115,041           | 1,219,815  | 6,253,951   |
| Express .....   | 65,383                     | 764,951                | 830,334     | 9,164                             | 27,856                      | -                  | 10,757            | 47,777     | 878,111     |
| Excess baggage .....                                  | 42,475                     | -                      | 42,475 (2)  | 7,396                             | 15,602                      | 23,948             | 5,382             | 52,328     | 94,803 (2)  |
| Mail .....  | 210,840                    | 2,888,038              | 3,098,878   | 228,838                           | 155,594                     | 32,812             | 88,367            | 505,611    | 3,604,489   |
| Totals .....  | 947,860                    | 8,057,963              | 9,005,823   | 762,712                           | 639,110                     | 204,162            | 219,547           | 1,825,531  | 10,831,354  |
| Passenger-miles:                                      |                            |                        |             |                                   |                             |                    |                   |            |             |
| Scheduled .....                                       | 65,411,621                 | 181,352,082            | 246,763,703 | 396,676                           | 2,625,906                   | 1,262,253          | 1,296,831         | 5,581,666  | 252,345,369 |
| Non-scheduled .....                                   | 935,108                    | -                      | 935,108     | 855,756                           | 52,446                      | 914,835            | 135,213           | 1,958,250  | 2,893,358   |
| Totals .....  | 66,346,729                 | 181,352,082            | 247,698,811 | 1,252,432                         | 2,678,352                   | 2,177,088          | 1,432,044         | 7,539,916  | 255,238,727 |
| Available seat-miles on scheduled services .....      | 137,910,759                | 322,250,891            | 460,161,650 | 1,736,044                         | 6,425,468                   | 2,255,332          | 3,289,457         | 13,706,301 | 473,867,951 |
| Passenger load factor on scheduled services .....     | 47.4                       | 56.3                   | 53.6        | 22.8                              | 40.9                        | 56.0               | 39.4              | 40.7       | 53.3        |
| Goods ton-miles:                                      |                            |                        |             |                                   |                             |                    |                   |            |             |
| Freight - Scheduled .....                             | 894,930                    | 2,751,058              | 3,645,988   | 103,488                           | 117,018                     | 16,303             | 13,730            | 250,539    | 3,896,527   |
| Non-scheduled .....                                   | 2,068                      | -                      | 2,068       | 18,487                            | 2,319                       | 10,134             | 5,471             | 36,411     | 38,479      |
| Totals .....  | 896,998                    | 2,751,058              | 3,648,056   | 121,975                           | 119,337                     | 26,437             | 19,201            | 286,950    | 3,935,006   |
| Express - Scheduled .....                             | 16,069                     | 292,324                | 308,393     | 383                               | 6,926                       | -                  | 2,477             | 9,786      | 318,179     |
| Non-scheduled .....                                   | 627                        | -                      | 627         | 1,207                             | -                           | -                  | 58                | 1,265      | 1,892       |
| Totals .....  | 16,696                     | 292,324                | 309,020     | 1,590                             | 6,926                       | -                  | 2,535             | 11,051     | 320,071     |

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Continued

February 1964

|  | Group I carriers           |                        |             | Group II carriers                 |                             |                    |                   |           | Grand total |
|--|----------------------------|------------------------|-------------|-----------------------------------|-----------------------------|--------------------|-------------------|-----------|-------------|
|  | Canadian Pacific Air Lines | Trans-Canada Air Lines | Total       | Eastern Provincial Airways (1963) | Pacific Western Airlines(1) | Quebecair Inc. (1) | Transair Ltd. (1) | Total (1) |             |
| Revenue transportation services - Concluded:       |                            |                        |             |                                   |                             |                    |                   |           |             |
| Unit toll - Concluded:                             |                            |                        |             |                                   |                             |                    |                   |           |             |
| Goods ton-miles - Concluded:                       |                            |                        |             |                                   |                             |                    |                   |           |             |
| Excess baggage - Scheduled .....                   | 52,096                     | 146,736                | 198,832     | 348                               | 2,283                       | 2,387              | 1,071             | 6,089     | 204,921     |
| Non-scheduled ..                                   | 146                        | -                      | 146         | 890                               | 19                          | 2,453              | 58                | 3,420     | 3,566       |
| Totals .....                                       | 52,242                     | 146,736                | 198,978     | 1,238                             | 2,302                       | 4,840              | 1,129             | 9,509     | 208,487     |
| Mail - Scheduled .....                             | 204,993                    | 1,188,654              | 1,393,647   | 8,668                             | 37,542                      | 2,819              | 7,474             | 56,503    | 1,450,150   |
| Non-scheduled ..                                   | 3,779                      | -                      | 3,779       | 17,290                            | 394                         | 1,058              | 16,503            | 25,285    | 29,064      |
| Totals .....                                       | 208,772                    | 1,188,654              | 1,397,426   | 25,958                            | 37,936                      | 3,877              | 14,017            | 81,788    | 1,479,214   |
| Total - Scheduled .....                            | 1,168,088                  | 4,378,772              | 5,546,860   | 112,887                           | 163,769                     | 21,509             | 24,752            | 322,917   | 5,869,777   |
| Non-scheduled ..                                   | 6,620                      | -                      | 6,620       | 37,874                            | 2,732                       | 13,645             | 12,130            | 66,381    | 73,001      |
| Totals .....                                       | 1,174,708                  | 4,378,772              | 5,553,480   | 150,761                           | 166,501                     | 35,154             | 36,882            | 389,298   | 5,942,778   |
| Available ton-miles on scheduled services .....    | 18,307,821                 | 46,150,142             | 64,457,963  | 319,857                           | 912,797                     | 222,904            | 423,122           | 1,878,680 | 66,336,643  |
| Weight load factor on scheduled services (3) ..... | 42.1                       | 48.8                   | 46.9        | 47.7                              | 46.7                        | 66.3               | 36.5              | 46.9      | 46.9        |
| Bulk:  |                            |                        |             |                                   |                             |                    |                   |           |             |
| Departures .....                                   | 15                         | 102                    | 117         | 409                               | 914                         | 8                  | 232               | 1,563     | 1,680       |
| Hours flown .....                                  | 121                        | 238                    | 379         | 485                               | 917                         | 6                  | 501               | 1,909     | 2,288       |
| Miles flown .....                                  | 43,363                     | 99,388                 | 142,751     | 48,761                            | 119,066                     | 828                | 85,067            | 253,722   | 396,473     |
| Passengers carried .....                           | 800                        | 2,917                  | 3,717       | 2,745                             | 1,880                       | 30                 | 717               | 5,372     | 9,089       |
| Freight carried .....                              | -                          | -                      | -           | 263,352                           | 464,776                     | 1,308              | 520,203           | 1,249,639 | 1,249,639   |
| Passenger-miles (4) .....                          | 3,302,242                  | 6,276,447              | 9,578,689   | 343,940                           | 1,311,323                   | 6,009              | 669,263           | 2,330,535 | 11,909,224  |
| Goods ton-miles (4) .....                          | -                          | -                      | -           | 9,563                             | 114,827                     | 39                 | 310,869           | 435,298   | 435,298     |
| Revenue non-transportation services:               |                            |                        |             |                                   |                             |                    |                   |           |             |
| Specialty flying - Hours flown .....               | -                          | 7                      | 7           | 212                               | -                           | -                  | -                 | 212       | 219         |
| Total - All services:                              |                            |                        |             |                                   |                             |                    |                   |           |             |
| Traffic, hours and miles: (5)                      |                            |                        |             |                                   |                             |                    |                   |           |             |
| Revenue:   |                            |                        |             |                                   |                             |                    |                   |           |             |
| Departures .....                                   | 1,736                      | 9,928                  | 11,664      | 1,576                             | 2,028                       | 938                | 1,178             | 5,720     | 17,384      |
| Hours flown .....                                  | 3,436                      | 12,517                 | 15,953      | 1,547                             | 2,155                       | 700                | 1,404             | 5,806     | 21,759      |
| Miles flown .....                                  | 1,228,932                  | 3,615,506              | 4,844,438   | 179,533                           | 303,564                     | 117,918            | 215,780           | 816,795   | 5,661,233   |
| Passengers carried .....                           | 38,858                     | 284,639                | 323,497     | 9,924                             | 13,440                      | 7,132              | 5,250             | 35,746    | 359,243     |
| Cargo carried .....                                | 694,545                    | 5,169,925              | 5,864,470   | 789,830                           | 932,690                     | 148,710            | 646,001           | 2,517,231 | 8,381,701   |
| Goods carried .....                                | 947,860                    | 8,057,963              | 9,005,823   | 1,026,064                         | 1,103,886                   | 205,470            | 739,750           | 3,075,170 | 12,080,993  |
| Passenger-miles (4) .....                          | 69,648,971                 | 187,628,529            | 257,277,500 | 1,596,572                         | 3,989,675                   | 2,183,097          | 2,101,307         | 9,870,451 | 267,147,951 |
| Goods ton-miles (4) .....                          | 1,174,708                  | 4,378,772              | 5,553,480   | 160,324                           | 281,328                     | 35,193             | 347,751           | 824,596   | 6,378,076   |

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

February 1964

|   | Group I carriers           |                        |            | Group II carriers                 |                             |                   |                  |          | Grand total |
|---|----------------------------|------------------------|------------|-----------------------------------|-----------------------------|-------------------|------------------|----------|-------------|
|   | Canadian Pacific Air Lines | Trans-Canada Air Lines | Total      | Eastern Provincial Airways (1963) | Pacific Western Airlines(1) | Quebecair Inc.(1) | Transair Ltd.(1) | Total(1) |             |
| <b>Total - All services - Concluded:</b>        |                            |                        |            |                                   |                             |                   |                  |          |             |
| <b>Traffic, hours and miles - Concluded:(5)</b> |                            |                        |            |                                   |                             |                   |                  |          |             |
| Non-revenue:                                    |                            |                        |            |                                   |                             |                   |                  |          |             |
| Hours flown ..... No.                           | 131                        | 316                    | 447        | 88                                | 99                          | 24                | 59               | 270      | 717         |
| Passengers carried ..... "                      | 1,490                      | ..                     | ..         | 193                               | 316                         | 143               | 135              | 787      | ..          |
| Goods carried ..... lb.                         | 130,504                    | ..                     | ..         | 13,287                            | 32,073                      | -                 | 12,533           | 57,893   | ..          |
| Passenger-miles ..... No.                       | 2,889,725                  | 7,768,451              | 10,658,176 | 314,944                           | 115,680                     | 40,327            | 71,728           | 542,679  | 11,200,855  |
| Goods ton-miles ..... "                         | 182,351                    | 234,122                | 416,473    | 2,690                             | 12,268                      | -                 | 3,737            | 18,695   | 435,168     |
| <b>Fuel and oil consumed:</b>                   |                            |                        |            |                                   |                             |                   |                  |          |             |
| Turbo fuel - Quantity ..... gal.                | 3,413,794                  | 9,977,996              | 13,391,790 | 78,800                            | -                           | 103,575           | 53,866           | 236,241  | 13,628,031  |
| Cost ..... \$                                   | 578,028                    | 1,331,250              | 1,909,278  | 18,912                            | -                           | 20,715            | 12,363           | 51,990   | 1,961,268   |
| Gasoline - Quantity ..... gal.                  | 370,146                    | -                      | 370,146    | 87,101                            | 221,661                     | 15,006            | 131,710          | 455,478  | 825,624     |
| Cost ..... \$                                   | 102,074                    | -                      | 102,074    | 32,404                            | 85,909                      | 6,920             | 49,572           | 174,805  | 276,879     |
| Turbo oil - Quantity ..... gal.                 | 395                        | 2,300                  | 2,696      | 40                                | -                           | 375               | 6                | 421      | 3,117       |
| Cost ..... \$                                   | 2,372                      | 25,434                 | 27,806     | 600                               | -                           | 1,193             | 64               | 1,857    | 29,663      |
| Other oil - Quantity ..... gal.                 | 4,512                      | -                      | 4,512      | 1,334                             | 2,436                       | 290               | 1,695            | 5,755    | 10,267      |
| Cost ..... \$                                   | 4,495                      | -                      | 4,495      | 1,668                             | 3,045                       | 351               | 1,695            | 6,759    | 11,254      |
| <b>Average number of employees:</b>             |                            |                        |            |                                   |                             |                   |                  |          |             |
| Pilots and co-pilots ..... No.                  | 209                        | 588                    | 797        | 56                                | 72                          | 25                | 47               | 200      | 997         |
| Other flight personnel ..... "                  | 264                        | 670                    | 934        | 6                                 | 25                          | 10                | 25               | 66       | 1,000       |
| General management ..... "                      | 123                        | 64                     | 187        | 46                                | 47                          | 48                | 21               | 162      | 349         |
| Maintenance labour ..... "                      | 552                        | 2,513                  | 3,065      | 151                               | 174                         | 69                | 106              | 500      | 3,565       |
| Aircraft and traffic servicing ..... "          | 827                        | 3,847                  | 4,674      | 99                                | 94                          | 111               | 66               | 370      | 5,044       |
| Other personnel ..... "                         | 648                        | 3,664                  | 4,312      | -                                 | 12                          | 70                | 49               | 9        | 4,382       |
| Total employees ..... "                         | 2,623                      | 11,346                 | 13,969     | 358                               | 424                         | 272               | 314              | 1,368    | 15,337      |
| <b>Salaries and wages:</b>                      |                            |                        |            |                                   |                             |                   |                  |          |             |
| Pilots and co-pilots ..... \$                   | 260,821                    | 747,490                | 1,008,311  | 27,565                            | 57,374                      | 21,058            | 39,085           | 145,082  | 1,153,393   |
| Other flight personnel ..... \$                 | 133,546                    | 291,487                | 425,033    | 1,781                             | 9,087                       | 3,912             | 7,684            | 22,464   | 447,497     |
| General management ..... \$                     | 100,804                    | 108,071                | 208,875    | 25,030                            | 20,347                      | 20,126            | 13,771           | 79,274   | 288,149     |
| Maintenance labour ..... \$                     | 260,941                    | 1,181,320              | 1,442,261  | 80,129                            | 82,459                      | 33,240            | 31,857           | 227,685  | 1,669,946   |
| Aircraft and traffic servicing ..... \$         | 330,745                    | 1,739,816              | 2,070,561  | 28,424                            | 53,134                      | 37,738            | 24,681           | 143,977  | 2,214,538   |
| Other personnel ..... \$                        | 252,405                    | 1,842,349              | 2,094,754  | -                                 | 3,924                       | 3,704             | 11,941           | 19,569   | 2,114,323   |
| Total salaries and wages ..... \$               | 1,339,262                  | 5,910,533              | 7,249,795  | 162,929                           | 226,325                     | 119,778           | 129,019          | 638,051  | 7,887,846   |

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Excludes Trans-Canada Air Lines.

(3) Standard passenger weight used: 200 pounds.

(4) Excludes charter aircraft not having a maximum authorized take-off weight in excess of 18,000 pounds.

(5) These data exclude non-transportation services, except for hours flown.



TABLE 5. Revenue Interline Traffic(1), Canadian Scheduled Carriers - All Services, by Company

February 1964

|                                | Canadian<br>Pacific<br>Air Lines | Eastern<br>Provincial<br>Airways<br>(1963) | Pacific<br>Western<br>Airlines | Quebecair<br>Inc. | Transair<br>Ltd. | Trans-<br>Canada<br>Air Lines | Total     |
|--------------------------------|----------------------------------|--|--------------------------------|-------------------|------------------|-------------------------------|-----------|
| <b>Passengers carried:</b>     |                                  |  |                                |                   |                  |                               |           |
| Originated .....               | 32,070                           | 5,834                                      | 11,059                         | 7,102             | 4,079            | 242,546                       | 302,690   |
| Domestic interline .....       | 2,604                            | 1,242                                      | -                              | -                 | -                | 39,176                        | 46,149    |
| Foreign interline .....        | 3,127                            | -  | -                              | -                 | -                | -                             | -         |
| Totals(2) .....                | 37,801                           | 7,076                                      | 11,059                         | 7,102             | 4,079            | 281,722                       | 348,839   |
| <b>Express carried:</b>        |                                  |  |                                |                   |                  |                               |           |
| Originated .....               | 65,383                           | 9,164                                      | 27,856                         | -                 | 10,757           | 764,951                       | 878,111   |
| Domestic interline .....       | -                                | -  | -                              | -                 | -                | -                             | -         |
| Foreign interline .....        | -                                | -  | -                              | -                 | -                | -                             | -         |
| Totals(2) .....                | 65,383                           | 9,164                                      | 27,856                         | -                 | 10,757           | 764,951                       | 878,111   |
| <b>Freight carried:</b>        |                                  |  |                                |                   |                  |                               |           |
| Originated .....               | 527,540                          | 517,314                                    | 402,607                        | 147,402           | 50,598           | 4,404,974                     | 6,050,435 |
| Domestic interline .....       | 12,209                           | -  | -                              | -                 | -                | -                             | 12,209    |
| Foreign interline .....        | 36,470                           | -  | -                              | -                 | -                | -                             | 36,470    |
| Totals(2) .....                | 576,219                          | 517,314                                    | 402,607                        | 147,402           | 50,598           | 4,404,974                     | 6,099,114 |
| <b>Excess baggage carried:</b> |                                  |  |                                |                   |                  |                               |           |
| Originated .....               | 42,475                           | 7,396                                      | 15,330                         | 23,498            | 4,962            | -                             | 93,661(3) |
| Domestic interline .....       | -                                | -  | -                              | -                 | -                | -                             | -         |
| Foreign interline .....        | -                                | -  | -                              | -                 | -                | -                             | -         |
| Totals(2) .....                | 42,475                           | 7,396                                      | 15,330                         | 23,498            | 4,962            | -                             | -         |
| <b>Mail carried:</b>           |                                  |  |                                |                   |                  |                               |           |
| Originated .....               | 210,840                          | 115,272                                    | 150,408                        | 32,812            | 23,570           | 2,888,038                     | 3,420,940 |
| Domestic interline .....       | -                                | -  | -                              | -                 | -                | -                             | -         |
| Foreign interline .....        | -                                | -  | -                              | -                 | -                | -                             | -         |
| Totals(2) .....                | 210,840                          | 115,272                                    | 150,408                        | 32,812            | 23,570           | 2,888,038                     | 3,420,940 |

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Board.  
(2) Excludes division interline.  
(3) Excludes Trans-Canada Air Lines.

TABLE 6. Operating Statistics, Canadian International Carriers - All Revenue Services, by area of Service  
February 1964

| Unit toll:   | Trans-<br>Border<br>Services | Trans-<br>Atlantic<br>and Polar<br>Services | Southern<br>Services | Pacific<br>and<br>Orient<br>Services | Total<br>International<br>Services | Domestic<br>Services | Grand<br>total |
|--|------------------------------|---|----------------------|--------------------------------------|------------------------------------|----------------------|----------------|
| Departures .....   | 1,474                        | 342   | 440                  | 122                                  | 2,378                              | 9,169                | 11,547         |
| Hours flown .....  | 1,964                        | 1,201                                       | 1,267                | 788                                  | 5,220                              | 10,347               | 15,567         |
| Miles scheduled .....                                    | 479,632                      | 544,348                                     | 551,293              | 348,379                              | 1,923,652                          | 2,757,670            | 4,681,322      |
| Miles flown:   |                              |   |                      |                                      |                                    |                      |                |
| Scheduled - Regular .....                                | 468,019                      | 535,223                                     | 547,186              | 348,379                              | 1,898,807                          | 2,698,220            | 4,597,027      |
| Non-scheduled .....                                      | 7,287                        | -   | 9,458                | -                                    | 16,745                             | 42,548               | 59,293         |
| Totals .....   | 475,306                      | 535,223                                     | 556,644              | 348,379                              | 1,915,552                          | 2,786,135            | 4,701,687      |
| Ratio of regular miles flown to miles<br>scheduled ..... | 97.6                         | 98.3  | 99.3                 | 100.0                                | 99.6                               | 97.8                 | 98.2           |
| Passengers carried .....                                 | ...                          | ...   | ...                  | ...                                  | 112,118                            | 207,662              | 319,780        |
| Cargo carried .....                                      | ...                          | ...   | ...                  | ...                                  | 2,676,592                          | 3,187,878            | 5,864,470      |
| Mail carried .....                                       | ...                          | ...   | ...                  | ...                                  | 409,640                            | 2,689,238            | 3,098,878      |
| Passenger-miles .....                                    | 24,495,762                   | 32,861,216                                  | 42,006,703           | 21,398,121                           | 120,761,802                        | 126,937,009          | 247,698,811    |
| Available seat-miles on scheduled services               | 40,892,001                   | 69,808,791                                  | 71,782,379           | 44,412,237                           | 226,895,408                        | 233,266,242          | 460,161,650    |
| Passenger load factor on scheduled services              | 59.9                         | 47.1  | 58.5                 | 48.2                                 | 53.2                               | 54.4                 | 53.8           |
| Goods ton-miles:   |                              |   |                      |                                      |                                    |                      |                |
| Express .....  | 50,789                       | -   | -                    | -                                    | 50,789                             | 258,231              | 309,020        |
| Freight .....  | 250,264                      | 883,758                                     | 390,924              | 322,505                              | 1,847,451                          | 1,800,605            | 3,648,056      |
| Excess baggage .....                                     | 16,708                       | 26,379                                      | 39,027               | 22,381                               | 104,495                            | 94,483               | 198,978        |
| Mail .....   | 36,854                       | 216,023                                     | 55,602               | 109,094                              | 417,573                            | 979,853              | 1,397,426      |
| Totals .....   | 354,615                      | 1,126,160                                   | 485,553              | 453,980                              | 2,420,308                          | 3,133,172            | 5,553,480      |
| Available ton-miles on scheduled service ....            | 5,040,177                    | 9,904,976                                   | 9,906,996            | 5,796,582                            | 30,648,731                         | 33,809,232           | 64,457,963     |
| Weight load factor on scheduled services(1)              | 55.6                         | 44.5  | 47.3                 | 44.7                                 | 47.3                               | 46.5                 | 46.9           |
| Bulk:  |                              |   |                      |                                      |                                    |                      |                |
| Departures .....   | 56                           | 124   | 17                   | 3                                    | 200                                | ...                  | ...            |
| Hours flown .....  | 100                          | 328   | 75                   | 28                                   | 531                                | ...                  | ...            |
| Miles flown .....  | 21,632                       | 114,193                                     | 20,208               | 9,566                                | 165,599                            | ...                  | ...            |
| Passengers carried .....                                 | 680                          | 2,924                                       | 787                  | 95                                   | 4,486                              | ...                  | ...            |
| Goods carried .....                                      | -                            | 49,417                                      | -                    | -                                    | 49,417                             | ...                  | ...            |
| Passenger-miles(2) .....                                 | -                            | -   | -                    | -                                    | 10,519,855                         | ...                  | ...            |
| Goods ton-miles(2) .....                                 | -                            | 3,663                                       | -                    | -                                    | 3,663                              | ...                  | ...            |
| Total:   |                              |   |                      |                                      |                                    |                      |                |
| Departures .....   | 1,530                        | 466   | 457                  | 125                                  | 2,578                              | ...                  | ...            |
| Hours flown .....  | 2,064                        | 1,529                                       | 1,342                | 816                                  | 5,751                              | ...                  | ...            |
| Miles flown .....  | 496,938                      | 649,416                                     | 576,852              | 357,945                              | 2,081,151                          | ...                  | ...            |
| Passengers carried .....                                 | ...                          | ...   | ...                  | ...                                  | 116,604                            | ...                  | ...            |
| Goods carried .....                                      | ...                          | ...   | ...                  | ...                                  | 2,726,009                          | ...                  | ...            |
| Passenger-miles(2) .....                                 | ...                          | ...   | ...                  | ...                                  | 131,281,657                        | ...                  | ...            |
| Goods ton-miles(2) .....                                 | 354,615                      | 1,129,823                                   | 485,553              | 453,980                              | 2,423,971                          | ...                  | ...            |

(1) Standard passenger weight used: 200 pounds.

(2) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

TABLE 7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)  
February 1964

|  | United States              |                 |           | Europe                    |                 |           |
|--|----------------------------|-----------------|-----------|---------------------------|-----------------|-----------|
|  | To                         | From            | Total     | To                        | From            | Total     |
| Passengers carried:                          |                            |                 |           |                           |                 |           |
| Unit toll ..... No.                          | 68,094                     | 63,958          | 132,052   | 6,936                     | 9,481           | 16,417    |
| Bulk ..... "                                 | 326                        | 234             | 560       | 938                       | 1,071           | 2,009     |
| Totals ..... "                               | 68,420                     | 64,192          | 132,612   | 7,874                     | 10,552          | 18,426    |
| Freight, express and excess baggage carried: |                            |                 |           |                           |                 |           |
| Unit toll ..... 1b.                          | 463,301                    | 2,008,288       | 2,471,589 | 651,375                   | 1,396,502       | 2,047,877 |
| Bulk ..... "                                 | -                          | -               | -         | 51,577                    | -               | 51,577    |
| Totals ..... "                               | 463,301                    | 2,008,288       | 2,471,589 | 702,952                   | 1,396,502       | 2,099,454 |
| Mail carried (unit toll) ..... "             | 126,122                    | 228,699         | 354,821   | 107,349                   | 118,351         | 224,700   |
|  | All other areas            |                 |           | Totals                    |                 |           |
|  | To                         | From            | Total     | To                        | From            | Total     |
| Passengers carried:                          |                            |                 |           |                           |                 |           |
| Unit toll ..... No.                          | 12,244                     | 9,631           | 21,875    | 87,274                    | 83,070          | 170,344   |
| Bulk ..... "                                 | 428                        | 89              | 517       | 1,692                     | 1,394           | 3,086     |
| Totals ..... "                               | 12,672                     | 9,720           | 22,392    | 88,966                    | 84,464          | 173,430   |
| Freight, express and excess baggage carried: |                            |                 |           |                           |                 |           |
| Unit toll ..... 1b.                          | 146,547                    | 94,670          | 241,217   | 1,261,223                 | 3,499,460       | 4,760,683 |
| Bulk ..... "                                 | -                          | -               | -         | 51,577                    | -               | 51,577    |
| Totals ..... "                               | 146,547                    | 94,670          | 241,217   | 1,312,800                 | 3,499,460       | 4,812,260 |
| Mail carried (unit toll) ..... "             | 19,732                     | 22,320          | 42,052    | 253,203                   | 369,370         | 622,573   |
|  | Total by Canadian carriers |                 |           | Total by Foreign carriers |                 |           |
|  | Leaving Canada             | Entering Canada | Total     | Leaving Canada            | Entering Canada | Total     |
| Passengers carried:                          |                            |                 |           |                           |                 |           |
| Unit toll ..... No.                          | 55,953                     | 52,862          | 108,815   | 31,321                    | 30,208          | 61,529    |
| Bulk ..... "                                 | 1,608                      | 1,264           | 2,872     | 84                        | 130             | 214       |
| Totals ..... "                               | 57,561                     | 54,126          | 111,687   | 31,405                    | 30,338          | 61,743    |
| Freight, express and excess baggage carried: |                            |                 |           |                           |                 |           |
| Unit toll ..... 1b.                          | 748,070                    | 1,744,954       | 2,493,024 | 513,153                   | 1,754,506       | 2,267,659 |
| Bulk ..... "                                 | -                          | -               | -         | 51,577                    | -               | 51,577    |
| Totals ..... "                               | 748,070                    | 1,744,954       | 2,493,024 | 564,730                   | 1,754,506       | 2,319,236 |
| Mail carried (unit toll) ..... "             | 176,511                    | 203,972         | 380,483   | 76,692                    | 165,398         | 242,090   |

(1) Passengers and goods in transit through Canada are excluded.

TABLE 8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service  
February 1964

|                                      | Fixed wing aircraft |                |               |                | Helicopters   |                |               |                |
|--------------------------------------|---------------------|----------------|---------------|----------------|---------------|----------------|---------------|----------------|
|                                      | Month               |                | Year to date  |                | Month         |                | Year to date  |                |
|                                      | Revenue hours       | Revenue earned | Revenue hours | Revenue earned | Revenue hours | Revenue earned | Revenue hours | Revenue earned |
| Type of service:                     | No.                 | \$             | No.           | \$             | No.           | \$             | No.           | \$             |
| Aerial advertising .....             | -                   | -              | -             | -              | 56            | 5,627          | 87            | 8,635          |
| Aerial fish cultivation .....        | -                   | -              | -             | -              | -             | -              | -             | -              |
| Aerial patrol and inspection .....   | 654                 | 79,722         | 1,036         | 110,610        | 218           | 20,851         | 479           | 57,212         |
| Aerial pest control .....            | -                   | -              | 2             | 225            | -             | -              | -             | -              |
| Aerial photography and survey .....  | 223                 | 18,999         | 300           | 30,783         | -             | -              | 86            | 2,195          |
| Aerial photography (excl. survey) .. | 45                  | 801            | 64            | 1,246          | 27            | 2,575          | 44            | 3,917          |
| Aircraft rental .....                | 31                  | 532            | 61            | 1,015          | -             | -              | 3             | 250            |
| Flying training .....                | 2,298               | 39,252         | 3,992         | 70,266         | 57            | 3,512          | 85            | 5,334          |
| Geophysical survey .....             | 500                 | 65,510         | 795           | 119,824        | -             | -              | 20            | 3,917          |
| Non-transportation charter .....     | 1                   | 151            | 1             | 151            | -             | -              | 2             | 509            |
| Philanthropic .....                  | -                   | -              | -             | -              | -             | -              | -             | -              |
| Recreational flying .....            | 830                 | 15,694         | 1,395         | 25,631         | 15            | 1,184          | 26            | 3,935          |
| Specialty flying - Other .....       | -                   | -              | -             | -              | -             | -              | 4             | 531            |
| Totals .....                         | 4,582               | 220,661        | 7,646         | 359,751        | 373           | 33,749         | 836           | 86,435         |

TABLE 9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV  
February 1964

|                                      | Carriers operating helicopters only |              | Carriers operating both helicopters and fixed wing aircraft |              | Total   |              |
|--------------------------------------|-------------------------------------|--------------|---|--------------|---------|--------------|
|                                      | Month                               | Year to date | Month   | Year to date | Month   | Year to date |
| Carriers reporting ..... No.         | 14                                  | 28           | 8   | 16           | 22      | 44           |
| Helicopters - Owned .....            | 110                                 | 221          | 14  | 27           | 124     | 124          |
| Leased .....                         | 10                                  | 16           | 2   | 4            | 12      | 10           |
| Totals .....                         | 120                                 | 237          | 16  | 31           | 136     | 134          |
| Revenue hours flown - Unit toll .... | 7                                   | 7            | -   | -            | 7       | 7            |
| Bulk .....                           | 753                                 | 1,330        | 241   | 306          | 994     | 1,636        |
| Specialty .....                      | 324                                 | 599          | 49  | 112          | 373     | 697          |
| Totals .....                         | 1,084                               | 1,936        | 290   | 418          | 1,374   | 2,340        |
| Non-revenue hours flown .....        | 76                                  | 127          | 3   | 32           | 79      | 159          |
| Fuel and oil consumed:               |                                     |              |   |              |         |              |
| Gasoline ..... gal.                  | 17,862                              | 36,569       | 5,848   | 9,111        | 23,710  | 45,680       |
| Cost ..... \$                        | 7,740                               | 15,443       | 2,721   | 4,068        | 10,461  | 19,511       |
| Oil ..... gal.                       | 244                                 | 641          | 88  | 219          | 332     | 860          |
| Cost ..... \$                        | 427                                 | 874          | 101   | 264          | 528     | 1,138        |
| Average number of employees:         |                                     |              |   |              |         |              |
| Pilots .....                         | 98                                  | 98           | 14  | 29           | 112     | 113          |
| Administrative .....                 | 46                                  | 48           | 3   | 4            | 49      | 50           |
| Maintenance labour .....             | 105                                 | 102          | 11  | 20           | 116     | 112          |
| Other personnel .....                | 10                                  | 10           | -   | -            | 10      | 10           |
| Totals .....                         | 259                                 | 258          | 28  | 53           | 287     | 285          |
| Salaries and wages:                  |                                     |              |   |              |         |              |
| Pilots .....                         | \$ 61,878                           | 119,478      | 9,904   | 18,841       | 71,782  | 138,319      |
| Administrative .....                 | \$ 24,464                           | 52,063       | 2,070   | 2,970        | 26,534  | 55,033       |
| Maintenance labour .....             | \$ 49,944                           | 96,264       | 5,425   | 9,991        | 55,369  | 106,255      |
| Other personnel .....                | \$ 3,727                            | 7,497        | -   | -            | 3,727   | 7,497        |
| Totals .....                         | \$ 140,013                          | 275,302      | 17,399  | 31,802       | 157,412 | 307,104      |

TABLE 10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV  
February 1964

|  | Current month | Year to date |
|--|---------------|--------------|
|  | dollars       |              |
| Operating revenues:                      |               |              |
| Unit toll transportation:                |               |              |
| Passengers .....                         | 24            | 24           |
| Express .....                            | -             | -            |
| Freight .....                            | -             | -            |
| Excess baggage .....                     | -             | -            |
| Mail .....                               | -             | -            |
| Total unit toll transportation .....     | 24            | 24           |
| Bulk transportation .....                | 126,639       | 206,274      |
| Total transportation .....               | 126,663       | 206,298      |
| Other flying services .....              | 29,589        | 59,388       |
| Total flying services .....              | 156,252       | 265,686      |
| Non-flying services .....                | 7,771         | 20,494       |
| Total operating revenues .....           | 164,023       | 286,180      |
| Operating expenses:                      |               |              |
| Flying operations .....                  | 123,199       | 225,686      |
| Maintenance .....                        | 84,214        | 155,704      |
| General service and administration ..... | 57,620        | 121,826      |
| Depreciation and amortization .....      | 30,432        | 71,817       |
| Total operating expenses .....           | 295,465       | 575,033      |
| Operating income (deficit) .....         | Dr. 131,442   | Dr. 288,853  |
| Non-operating income:                    |               |              |
| Capital gains and losses .....           | 10,501        | 10,501       |
| Interest and discounts .....             | 402           | 757          |
| Miscellaneous non-operating income ..... | 14,055        | 32,830       |
| Income before interest expense .....     | Dr. 106,484   | Dr. 244,765  |
| Interest expense .....                   | 6,183         | 11,296       |
| Income before income taxes .....         | Dr. 112,667   | Dr. 256,061  |
| Provision for income taxes .....         | -             | -            |
| Net income after income taxes .....      | Dr. 112,667   | Dr. 256,061  |

TABLE 11. Operating Statistics, Canadian Group V Carriers  
February 1964

|   | Quarter | Year to date |
|---|---------|--------------|
| Reporting carriers .....                | No.     |              |
| Transportation:                         |         |              |
| Hours flown .....                       | "       |              |
| Passengers carried .....                | "       |              |
| Goods carried .....                     | lb.     |              |
| Specialty flying services:              |         |              |
| Aerial advertising .....                | hr.     |              |
| Aerial fish cultivation .....           | "       |              |
| Aerial patrol and inspection .....      | "       |              |
| Aerial pest control .....               | "       |              |
| Aerial photography and survey .....     | "       |              |
| Aerial photography (excl. survey) ..... | "       |              |
| Aircraft rental .....                   | "       |              |
| Flying training .....                   | "       |              |
| Geophysical survey .....                | "       |              |
| Non-transportation charter .....        | "       |              |
| Philanthropic .....                     | "       |              |
| Recreational flying .....               | "       |              |
| Specialty flying - Other .....          | "       |              |
| Totals .....                            | "       |              |
| Total - All services:                   |         |              |
| Revenue hours flown .....               | No.     |              |
| Non-revenue hours flown .....           | "       |              |



CIVIL AVIATION DEFINITIONS(1)

Bulk Transportation:

- (1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4); and
- (2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).

Classification of Canadian  
Carriers by Groups

- Group I Carriers: Canadian Air Carriers licensed to perform both domestic and international scheduled services. (Trans-Canada Air Lines and Canadian Pacific Air Lines Ltd.).
- Group II Carriers: Canadian Air Carriers other than Group I carriers licensed to perform domestic scheduled services and Nordair Ltd.(2).
- Group III Carriers: Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$500,000 or over (excepting air carriers included in Group I and II).
- Group IV Carriers: Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$100,000 and over, but less than \$500,000.
- Group V Carriers: Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of less than \$100,000.

Cargo:

Air freight and air express (excluding mail and excess baggage).

Carrier, Air:

Any person who operates aircraft in or over Canada for hire or reward.

Non-Scheduled Carriers: Carriers not operating any scheduled (Class I) service.

Scheduled Carriers: Air Carriers serving designated points in accordance with a service schedule and at a toll per unit.

- 
- (1) Reference to Classes refers to the classification of air carriers as defined by the Air Transport Board and published in the "Directory of Canadian Commercial Air Services" Queen's Printer, Ottawa.
  - (2) For statistical purposes in this report, Nordair Ltd. is included with Group III carriers.

Freedoms of the Air:

- First Freedom: The privilege to fly over the territory of a foreign country without landing.
- Second Freedom: The privilege to land on the territory of a foreign country for non-traffic purposes.
- Third Freedom: The privilege to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
- Fourth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
- Fifth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the privilege to put down in a foreign country, passengers, mail and cargo coming from any such territory.

Goods: Air Cargo (freight and express) plus mail and excess baggage.

Interline Traffic:

- Domestic Interline: Passengers and goods received by a carrier at Canadian points from other Canadian Air Carriers.
- Foreign Interline: Passengers and goods received by a carrier from Foreign Air Carriers.
- Divisional Interline: Passengers and goods received from other operating divisions of the same carrier.

International Services:

- Trans-Border Services: Services between Canada and the United States.
- Southern Services: Services between Canada and Bermuda, the Caribbean, Mexico, Central or South America.
- Trans-Atlantic and Polar Services: Services between Canada and Europe.
- Pacific and Orient Services: Services between Canada and points in the Pacific Ocean or the Orient.

Load Capacity Available: Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, stewards' supplies, etc.

|                                   |  |
|-----------------------------------|--|
| <u>Load Factor, Passenger:</u>    | Ratio of revenue passenger-miles performed to available seat-miles.  |
| <u>Load Factor, Weight:</u>       | - See Weight, Load-Factor.   |
| <u>Miles:</u>                     | Statute miles of 5,280 ft.   |
| <u>Passenger:</u>                 | A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger. A round trip passenger is counted as two passengers.   |
| <u>Passenger Load-Factor:</u>     | - See Load Factor, Passenger.  |
| <u>Passenger-Mile:</u>            | The transportation of one passenger one mile.  |
| <u>Non-Revenue Passenger:</u>     | A child or adult carried on a revenue transportation flight for whom no fare is collected, including company personnel.  |
| <u>Revenue Passenger:</u>         | A child or adult for which a fare or part of a fare is paid.   |
| <u>Seat-Miles Available:</u>      | Seats available for the transportation of passengers multiplied by the miles flown on each inter-station flight.   |
| <u>Specialty Flying Services:</u> | Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising.   |
| <u>Tons:</u>                      | Short tons of 2,000 lbs.   |
| <u>Ton-Mile:</u>                  | The transportation of one ton of goods one mile.   |
| <u>Ton-Miles Available:</u>       | Available load capacity multiplied by miles flown on each inter-station flight.  |
| <u>Unit Toll Transportation:</u>  | Public transportation of passengers and goods at a toll per unit. It includes: <ul style="list-style-type: none"><li>(i) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class 1); and</li><li>(ii) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3).</li></ul> |
| <u>Weight Load Factor:</u>        | Ratio of revenue ton-miles performed to available ton-miles.   |







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## CIVIL AVIATION

MARCH 1964

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## SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures are not available.
- ... Figures not appropriate or not applicable.
- Nil or zero.

## INTRODUCTION

"Civil Aviation" reports are prepared from monthly and quarterly schedules filed with the Air Transport Board and the Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly returns filed with the Dominion Bureau of Statistics by foreign air carriers operating in Canada.

For reporting purposes, Canadian air carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. These groups are described on page twenty of this publication along with other definitions. It should be noted that the definition of each of the five groups has been revised as of 1st January, 1964. This revision resulted in four former group III carriers being transferred to Group IV and 24 former Group IV carriers being transferred to Group V. It should also be noted that Nordair Ltd., classified as a Group II carrier by the Air Transport Board, is included with Group III carriers for statistical purposes. Group V comprises small air carriers required to file returns on a quarterly basis only. Data on their operations are excluded from the other carrier statistics appearing throughout the report.

Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. A complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

Domestic and international operations of Canadian carriers are combined in all tables except Table 6 which provides a breakdown of domestic and international operations for Canadian carriers operating international unit toll and bulk services.

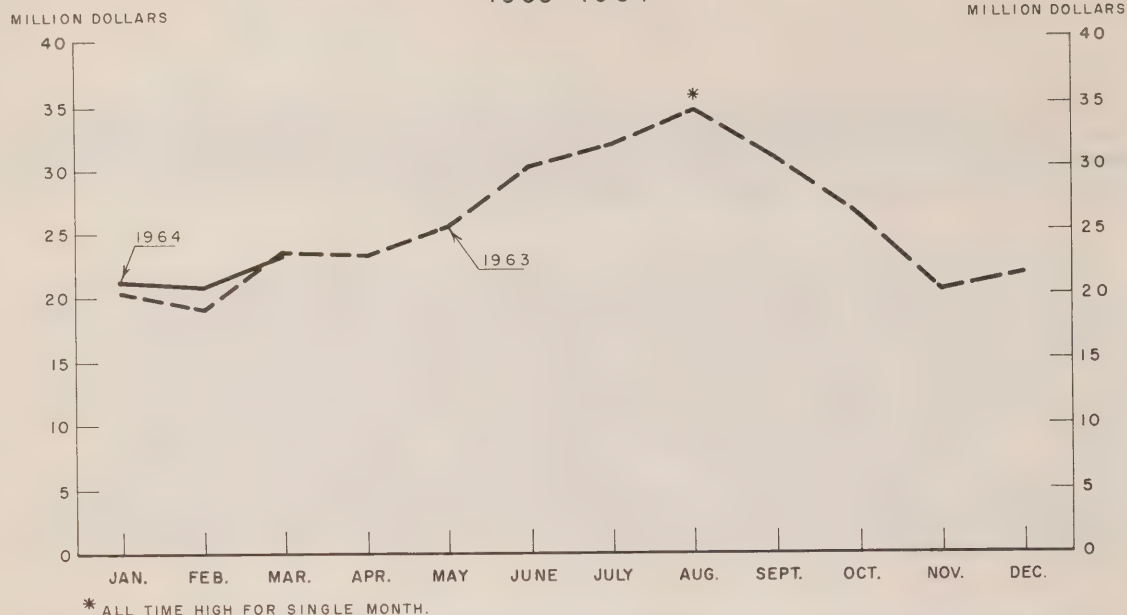
Commencing with the January, 1964 issue, bulk transport passenger-miles and goods-ton-miles have been added to the statistical data of this report. However, because of survey limitations, this data refers only to aircraft which has a minimum authorized take-off weight on wheels in excess of 18,000 pounds. Operating data covering bulk international flights have also been added to Table 6. It should be noted, however, that the number of carriers reporting international bulk services may vary from month to month.

Table 7 provides data on traffic leaving and entering Canada on an area of service basis. Passengers, cargo and mail in transit through Canada are excluded. The table contains the operations of both Canadian and Foreign carriers with separate totals for each.

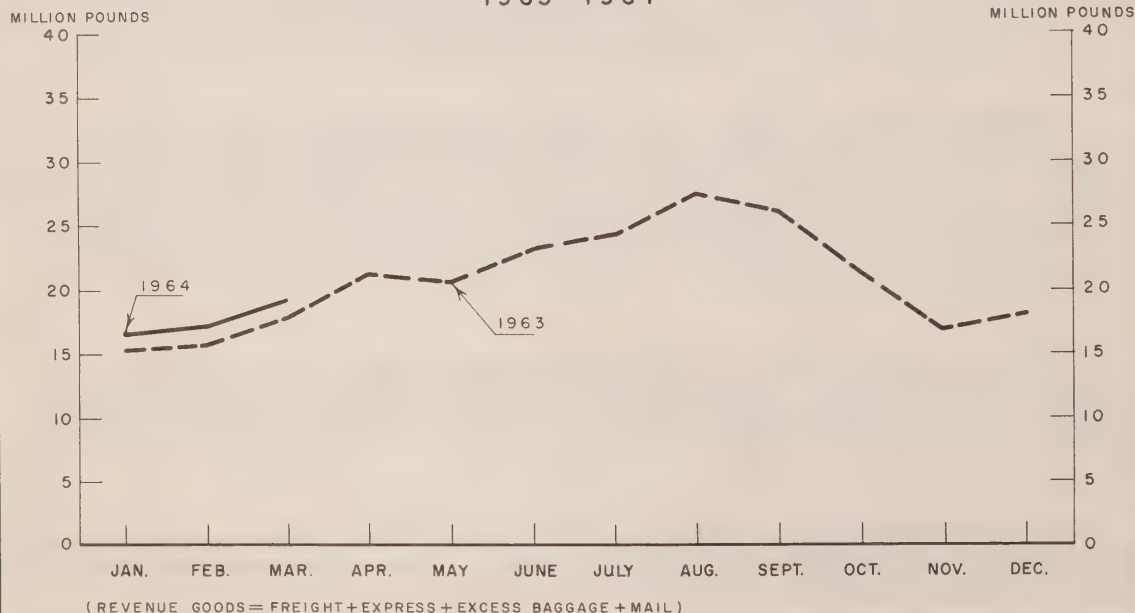
Also commencing with the January, 1964 issue of "Civil Aviation", data on helicopters have been expanded to include more detail. A split has been made between the use of fixed wing aircraft and helicopters for specialty flying.



# OPERATING REVENUE OF CANADIAN AIR CARRIERS 1963-1964



# REVENUE GOODS CARRIED BY CANADIAN AIR CARRIERS 1963-1964



## REVIEW OF MARCH OPERATIONS

Increases were reported in the transportation of both revenue passengers and goods by Canadian Air Carriers during the month of March compared with March 1963. Although passengers carried totalled 414,102, an increase of less than one per cent, goods transported rose to 9,678 tons, an increase of 8.0 per cent. The revenue miles flown were down 5.5 per cent to 7,357,253. Passenger-miles and goods-ton-miles performed by Canadian carriers in unit toll and bulk services totalled 296,142,687 and 7,660,608 respectively. Unit toll services accounted for 95.5 per cent of the total passenger-miles and 88.5 per cent of the total goods-ton-miles.

March operating revenues showed a 1.2 per cent decrease under March 1963 to \$23,289,338 while operating expenses rose 5.1 per cent to \$24,409,705, thus an operating loss of \$1,120,367 was reported. This compared with a gain of \$347,975 for the same month the previous year. A net deficit after provision for income taxes of \$2,009,592 was reported as against a deficit of \$584,540 in March 1963.

The operations of Group V carriers for the first quarter of 1964 are covered in Table 11. The 284 carriers reporting in the quarter transported 25,468 passengers and 936 tons of revenue goods.

Revenue hours reported flown by 12 carriers who operated 100 helicopters exclusively amounted to 2,267. Hours reported flown by 9 helicopters operated by 7 fixed wing carriers totalled 191. Operating revenues reported by helicopter carriers amounted to \$268,565 while the operating expenses amounted to \$347,017.

In March the six scheduled carriers transported 390,241 revenue passengers, 94.2 per cent of all passengers carried by all Canadian carriers. They also carried 6,775 tons of revenue goods, 70.0 per cent of the total. Operating revenues amounted to \$21,388,181 or 91.8 per cent of all Canadian air carrier revenues. Operating expenses amounted to \$22,436,195 or 91.9 per cent of the total. Comparable figures for March 1963 are: passengers 92.6 per cent, goods 71.5 per cent, revenues 91.0 per cent and expenses 90.0 per cent.

Revenue passenger-miles performed by Canadian Carriers in international unit toll service in March amounted to 133,948,449 or 47.3 per cent of the total unit toll passenger-miles. The division of international services by air was as follows:

| <u>Area</u>                    | <u>Percentage</u> |
|--------------------------------|-------------------|
| Trans-Border .....             | 20.6              |
| Trans-Atlantic and Polar ..... | 26.8              |
| Southern .....                 | 36.8              |
| Pacific and Orient .....       | 15.8              |
| Totals .....                   | 100.0             |

### The Cumulative View

The first quarter of 1964 compared with the same period in 1963 showed the revenue passengers increased 10.3 per cent to 1,192,135, while revenue goods rose 10.8 per cent to 2,655 tons. Passenger-miles and goods-ton-miles performed by Canadian carriers totalled 846,695,861 and 21,246,315 respectively. Operating revenues increased 3.5 per cent to \$65,262,179 while operating expenses increased 6.7 per cent to \$71,158,810.

### Foreign Carriers

Foreign carriers licensed to operate in Canada transported 69,593 revenue passengers during March, an increase of 15.5 per cent over March 1963. Revenue goods carried totalled 1,320 tons, an increase of 21.9 per cent. Foreign carriers report hours and miles flown over Canadian territory only. Statistics of passengers and goods in transit have been excluded.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

March 1964

|                                      | Canadian carriers                        |                        |           |                        | Total Canadian carriers | Foreign carriers (2)       |            | Grand total all carriers | Year to date   |
|--------------------------------------|--|------------------------|-----------|------------------------|-------------------------|----------------------------|------------|--------------------------|----------------|
|                                      | Scheduled carriers<br>Group I and II (1) | Non-scheduled carriers |           | United States carriers |                         | Other Foreign carriers (3) |            |                          |                |
|                                      |  | Group III (1)          | Group IV  |                        |                         |                            | Total      |                          |                |
| Number of carriers reporting ...     | 6  | 13                     | 47        | 60                     | 66                      | 10                         | 9          | 85                       | ..             |
| Revenue transportation services:     |  |                        |           |                        |                         |                            |            |                          |                |
| Unit toll:                           |  |                        |           |                        |                         |                            |            |                          |                |
| Departures .....                     | 16,826                                   | 1,453                  | 678       | 2,131                  | 18,957                  | ..                         | ..         | ..                       | ..             |
| Hours flown .....                    | 21,006                                   | 1,374                  | 360       | 1,734                  | 22,740                  | 333                        | 862        | 23,935                   | 70,290         |
| Miles scheduled .....                | 5,533,165                                | ...                    | ...       | ...                    | 5,533,165               | 84,506                     | 334,642    | 5,952,313                | 17,049,905     |
| Miles flown:                         |  |                        |           |                        |                         |                            |            |                          |                |
| Scheduled .....                      | 5,438,489 (4)                            | ...                    | ...       | ...                    | 5,438,489 (4)           | 81,388                     | 341,981    | 5,861,858                | 17,001,791 (4) |
| Non-scheduled .....                  | 263,735 (4)                              | 180,001                | 43,475    | 223,476                | 487,211 (4)             | -                          | -          | 487,211                  | 1,537,120 (4)  |
| Totals .....                         | 5,702,224                                | 180,001                | 43,475    | 223,476                | 5,925,700               | 81,388                     | 341,981    | 6,349,069                | 18,538,911     |
| Passengers carried .....             | 381,329                                  | 3,527                  | 2,537     | 6,064                  | 387,393                 | 51,910                     | 17,069     | 456,372                  | 1,312,228      |
| Goods carried:                       |  |                        |           |                        |                         |                            |            |                          |                |
| Cargo .....                          | 8,086,382                                | 434,993                | 186,769   | 621,762                | 8,708,144               | 759,868                    | 1,542,257  | 11,137,464               | 30,971,572     |
| Excess baggage .....                 | 118,882 (5)                              | 2,985                  | 5,328     | 8,313                  | 127,195 (5)             | 152,725                    | 184,398    | 4,340,709                | 12,393,637     |
| Mail .....                           | 3,832,525                                | 153,010                | 18,051    | 171,061                | 4,003,586               | 912,593                    | 1,726,655  | 15,478,173               | 43,365,209     |
| Totals .....                         | 12,037,789                               | 590,988                | 210,148   | 801,136                | 12,838,925              | 2,211,234                  | 11,572,198 | 296,697,804              | 844,378,350    |
| Passenger-miles .....                | 281,736,502                              | 1,049,343              | 128,527   | 1,177,870              | 282,914,372             | 16,950                     | 588,764    | 5,809,539                | 15,744,158     |
| Goods ton-miles:                     |  |                        |           |                        |                         |                            |            |                          |                |
| Cargo .....                          | 4,740,983                                | 142,230                | 80,438    | 222,668                | 4,963,651               | 3,373                      | 78,494     | 1,660,834                | 4,771,933      |
| Excess baggage .....                 | 238,473                                  | 1,538                  | 163       | 1,701                  | 240,174                 | 20,323                     | 667,258    | 7,470,373                | 20,516,091     |
| Mail .....                           | 1,541,312                                | 36,559                 | 1,096     | 37,655                 | 1,578,967               | -                          | -          | -                        | -              |
| Totals .....                         | 6,520,768                                | 180,327                | 81,697    | 262,024                | 6,782,792               | -                          | -          | -                        | -              |
| Bulk:                                |  |                        |           |                        |                         |                            |            |                          |                |
| Departures .....                     | 1,873                                    | 3,268                  | 8,539     | 11,807                 | 13,680                  | ..                         | ..         | ..                       | ..             |
| Hours flown .....                    | 2,381                                    | 4,476                  | 6,313     | 10,789                 | 13,170                  | 27                         | 11,200     | 13,197                   | 33,519         |
| Miles flown .....                    | 368,978                                  | 433,717                | 628,858   | 1,062,575              | 1,431,553               | -                          | 614        | 1,442,753                | 3,927,845      |
| Passengers carried .....             | 8,912                                    | 5,744                  | 12,053    | 17,797                 | 26,709                  | -                          | -          | 27,323                   | 75,748         |
| Freight carried .....                | 1,512,343                                | 3,192,589              | 1,803,731 | 4,996,320              | 6,508,663               | -                          | -          | 6,508,663                | 16,968,257     |
| Passenger-miles (6) .....            | 12,220,040                               | 712,541                | 295,734   | 1,008,275              | 13,228,315              | -                          | ..         | ..                       | ..             |
| Goods ton-miles (6) .....            | 336,117                                  | 507,644                | 34,055    | 541,699                | 877,816                 | -                          | ..         | ..                       | ..             |
| Revenue non-transportation services: |  |                        |           |                        |                         |                            |            |                          |                |
| Specialty flying - Hours flown       | 267                                      | 1,062                  | 4,365     | 5,427                  | 5,694                   | -                          | -          | 5,694                    | 14,176         |

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

March 1964

- 9 -

|                                    | Canadian carriers                        |                        |           |           |                         | Foreign carriers(2)    |                           | Grand total all carriers | Year to date  |
|------------------------------------|--|------------------------|-----------|-----------|-------------------------|------------------------|---------------------------|--------------------------|---------------|
|                                    | Scheduled carriers<br>Groups I and II(1) | Non-scheduled carriers |           |           | Total Canadian carriers | United States carriers | Other Foreign carriers(3) |                          |               |
|                                    |  | Group III(1)           | Group IV  | Total     |                         |                        |                           |                          |               |
| Total - All services:              |  |                        |           |           |                         |                        |                           |                          |               |
| Revenue:                           |  |                        |           |           |                         |                        |                           |                          |               |
| Traffic, miles and hours:(7)       |  |                        |           |           |                         |                        |                           |                          |               |
| Departures .....                   | 18,699                                   | 4,721                  | 9,217     | 13,938    | 32,637                  | 333                    | 889                       | 42,826                   | 117,985       |
| Hours flown .....                  | 23,654                                   | 6,912                  | 11,038    | 17,950    | 41,604                  | 81,388                 | 353,181                   | 7,791,822                | 15,158,629    |
| Miles flown .....                  | 6,071,202                                | 613,718                | 672,333   | 1,286,051 | 7,357,253               | 51,910                 | 17,683                    | 483,695                  | 1,387,976     |
| Passengers carried .....           | 390,241                                  | 9,271                  | 14,590    | 23,861    | 414,102                 | 759,868(8)             | 1,342,257(8)              | 16,518,932(8)            | 47,702,219(8) |
| Cargo carried .....                | 9,598,725                                | 3,627,582              | 1,990,500 | 5,618,082 | 15,216,807              | 912,593                | 1,726,655                 | 21,986,836               | 60,333,466    |
| Goods carried .....                | 13,550,132                               | 3,783,577              | 2,013,879 | 5,797,456 | 19,347,588              | 2,211,234              | ..                        | ..                       | ..            |
| Passenger-miles(6) .....           | 293,956,342                              | 1,761,884              | 424,261   | 2,186,145 | 296,142,687             | ..                     | ..                        | ..                       | ..            |
| Goods ton-miles(6) .....           | 6,856,885                                | 687,971                | 115,752   | 803,723   | 7,660,608               | ..                     | ..                        | ..                       | ..            |
| Non-revenue:                       |  |                        |           |           |                         |                        |                           |                          |               |
| Hours flown .....                  | 863                                      | 371                    | 411       | 782       | 1,645                   | 1                      | 3                         | 1,649                    | 3,833         |
| Passengers carried .....           | ..                                       | 88                     | 27        | 115       | ..                      | 895                    | 357                       | ..                       | ..            |
| Goods carried .....                | ..                                       | 55,039                 | ..        | 55,039    | ..                      | 8,600                  | 57,347                    | ..                       | ..            |
| Passenger-miles .....              | 14,860,880                               | 98,860                 | 4,960     | 103,820   | 14,964,700              | 44,121                 | 226,673                   | 15,235,494               | ..            |
| Goods ton-miles .....              | 484,857                                  | 37,577                 | ..        | 37,577    | 522,434                 | 211                    | 16,325                    | 538,970                  | ..            |
| Fuel and oil consumed:             |  |                        |           |           |                         |                        |                           |                          |               |
| Turbo fuel - Quantity .....        | 14,926,776                               | ..                     | 9,494     | 9,494     | 14,936,270              | 133,390                | 1,960,640                 | 17,030,300               | 49,510,041    |
| Cost .....                         | 2,127,072                                | ..                     | 2,588     | 2,588     | 2,129,660               | 17,484                 | 288,036                   | 2,435,180                | 7,175,584     |
| Gasoline - Quantity .....          | 887,152                                  | 372,831                | 170,491   | 543,322   | 1,430,474               | 36,900                 | 111,187                   | 1,578,561                | 4,428,670     |
| Cost .....                         | 294,286                                  | 155,404                | 73,463    | 228,867   | 523,153                 | 9,478                  | 25,475                    | 558,106                  | 1,515,046     |
| Turbo oil - Quantity .....         | 3,158                                    | ..                     | 2         | 2         | 3,160                   | 26                     | 53                        | 3,239                    | 9,804         |
| Cost .....                         | 32,698                                   | ..                     | 30        | 30        | 32,728                  | 52                     | 485                       | 33,265                   | 91,785        |
| Other oil - Quantity .....         | 12,728                                   | 4,644                  | 3,211     | 7,855     | 20,583                  | 10                     | 235                       | 20,828                   | 54,381        |
| Cost .....                         | 13,243                                   | 8,392                  | 4,187     | 12,579    | 25,822                  | 5                      | 192                       | 26,019                   | 64,299        |
| Average number of employees:       |  |                        |           |           |                         |                        |                           |                          |               |
| Pilots and co-pilots .....         | 993                                      | 199                    | 225       | 424       | 1,417                   | ..                     | ..                        | ..                       | ..            |
| Other flight personnel .....       | 1,011                                    | 13                     | 18        | 31        | 1,042                   | ..                     | ..                        | ..                       | ..            |
| General management .....           | 341                                      | 77                     | 75        | 152       | 493                     | ..                     | ..                        | ..                       | ..            |
| Maintenance labour .....           | 3,595                                    | 250                    | 211       | 461       | 4,056                   | ..                     | ..                        | ..                       | ..            |
| Aircraft & traffic servicing ..... | 4,944                                    | 57                     | 44        | 101       | 5,045                   | ..                     | ..                        | ..                       | ..            |
| Other personnel .....              | 4,562                                    | 171                    | 95        | 266       | 4,828                   | ..                     | ..                        | ..                       | ..            |
| Totals .....                       | 15,446                                   | 767                    | 668       | 1,435     | 16,881                  | 231                    | 729                       | 17,841                   | 17,803        |
| Salaries and wages paid:           |  |                        |           |           |                         |                        |                           |                          |               |
| Pilots and co-pilots .....         | 1,178,540                                | 144,551                | 124,251   | 268,802   | 1,447,342               | ..                     | ..                        | ..                       | ..            |
| Other flight personnel .....       | 468,206                                  | 8,901                  | 7,237     | 16,138    | 484,344                 | ..                     | ..                        | ..                       | ..            |
| General management .....           | 288,841                                  | 50,556                 | 41,863    | 92,419    | 381,260                 | ..                     | ..                        | ..                       | ..            |
| Maintenance labour .....           | 1,851,351                                | 109,312                | 75,947    | 185,259   | 2,036,610               | ..                     | ..                        | ..                       | ..            |
| Aircraft & traffic servicing ..... | 2,450,642                                | 25,043                 | 14,183    | 39,226    | 2,489,868               | ..                     | ..                        | ..                       | ..            |
| Other personnel .....              | 2,283,255                                | 64,524                 | 31,298    | 95,822    | 2,379,077               | ..                     | ..                        | ..                       | ..            |
| Totals .....                       | 8,520,835                                | 402,887                | 294,779   | 697,666   | 9,218,501               | 114,006                | 357,235                   | 9,689,742                | 29,103,315    |

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

(2) See "Foreign Carriers", page 7, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Trans-Canada Air Lines.

(6) Excludes chartered aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(7) These data exclude non-transportation services, except for hours flown.

(8) Includes excess baggage.

(9) Data in Tables 4, 5, 6, 7, 8 and 9 included in this table.



TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group  
March 1964

|                                       | Scheduled carriers |              |               | Non-scheduled carriers |                        |            | Grand total   | Year to date  |  |
|---------------------------------------|--------------------|--------------|---------------|------------------------|------------------------|------------|---------------|---------------|--|
|                                       | Group I            | Group II(1)  |               | Total                  | Non-scheduled carriers |            |               |               |  |
|                                       |                    | Group III(1) | Group IV      |                        | Total                  |            |               |               |  |
| dollars                               |                    |              |               |                        |                        |            |               |               |  |
| Operating revenues:                   |                    |              |               |                        |                        |            |               |               |  |
| Unit toll transportation:             |                    |              |               |                        |                        |            |               |               |  |
| Passengers .....                      | 16,474,789         | 764,078      | 17,238,867    | 114,713                | 25,789                 | 140,502    | 17,379,369    | 49,450,240    |  |
| Express .....                         | 286,946            | 15,289       | 302,235       | 6,510                  | 4,239                  | 10,749     | 312,984       | 962,930       |  |
| Freight .....                         | 1,138,388          | 176,539      | 1,314,927     | 65,486                 | 8,674                  | 74,160     | 1,389,087     | 3,798,342     |  |
| Excess baggage .....                  | 113,518            | 13,245       | 126,763       | 1,540                  | 304                    | 1,844      | 128,607       | 370,353       |  |
| Mail .....                            | 1,227,223          | 159,479      | 1,386,702     | 64,255                 | 4,158                  | 68,413     | 1,455,115     | 4,139,449     |  |
| Total unit toll transportation ..     | 19,240,864         | 1,128,630    | 20,369,494    | 252,504                | 43,164                 | 295,668    | 20,665,162    | 58,721,314    |  |
| Bulk transportation .....             | 315,203            | 385,431      | 700,634       | 636,379                | 502,542                | 1,138,921  | 1,839,555     | 4,824,694     |  |
| Total transportation .....            | 19,556,067         | 1,514,061    | 21,070,128    | 888,883                | 545,706                | 1,434,589  | 22,504,717    | 63,546,008    |  |
| Other flying services .....           | 3,711              | 40,381       | 44,092        | 160,370                | 134,705                | 295,075    | 339,167       | 762,331       |  |
| Total flying services .....           | 19,559,778         | 1,554,442    | 21,114,220    | 1,049,253              | 680,411                | 1,729,664  | 22,843,884    | 64,308,339    |  |
| Non-flying services .....             | 250,697            | 23,264       | 273,961       | 54,215                 | 117,278                | 171,493    | 445,454       | 953,840       |  |
| Total operating revenues .....        | 19,810,475         | 1,577,706    | 21,388,181    | 1,103,468              | 797,689                | 1,901,157  | 23,289,338    | 65,262,179    |  |
| Operating expenses:                   |                    |              |               |                        |                        |            |               |               |  |
| Flying operations .....               | 5,001,841          | 569,300      | 5,571,141     | 449,875                | 356,503                | 806,378    | 6,377,519     | 18,383,464    |  |
| Maintenance .....                     | 4,520,786          | 474,850      | 4,995,636     | 422,532                | 223,920                | 646,452    | 5,642,088     | 16,371,512    |  |
| General services and administration:  |                    |              |               |                        |                        |            |               |               |  |
| Passenger service .....               | 1,537,814          | 54,355       | 1,592,169     | ..                     | ..                     | ..         | ..            | ..            |  |
| Aircraft and traffic servicing ..     | 3,156,514          | 225,691      | 3,382,205     | ..                     | ..                     | ..         | ..            | ..            |  |
| Promotion and sales .....             | 3,319,341          | 130,314      | 3,449,655     | ..                     | ..                     | ..         | ..            | ..            |  |
| General administration .....          | 907,466            | 84,540       | 992,006       | ..                     | ..                     | ..         | ..            | ..            |  |
| Totals .....                          | 8,921,135          | 494,900      | 9,416,035     | 206,408                | 142,144                | 348,552    | 9,764,587     | 28,509,185    |  |
| Depreciation and amortization ..      | 2,301,803          | 151,580      | 2,453,383     | 94,494                 | 77,634                 | 172,128    | 2,625,511     | 7,894,649     |  |
| Total operating expenses .....        | 20,745,565         | 1,690,630    | 22,436,195    | 1,173,309              | 800,201                | 1,973,510  | 24,409,705    | 71,158,810    |  |
| Operating income (loss) .....         | Dr. 935,090        | Dr. 112,924  | Dr. 1,048,014 | Dr. 69,841             | Dr. 2,512              | Dr. 72,353 | Dr. 1,120,367 | Dr. 5,896,631 |  |
| Non-operating income - Net:           |                    |              |               |                        |                        |            |               |               |  |
| Capital gains and losses .....        | -                  | 65           | 65            | 12,215                 | 152                    | 12,063     | 11,998        | 128,245       |  |
| Interest and discounts .....          | 152,164            | 700          | 152,864       | 4,618                  | 2,116                  | 6,734      | 159,598       | 440,707       |  |
| Miscellaneous non-operating income .. | 5,451              | 5,250        | 10,701        | 7,760                  | 265                    | 8,025      | 18,726        | 62,074        |  |
| Income before interest expense .....  | Dr. 777,475        | Dr. 107,039  | Dr. 884,514   | Dr. 45,248             | Dr. 283                | Dr. 45,531 | Dr. 930,045   | Dr. 5,265,605 |  |
| Interest expense .....                | 978,250            | 59,998       | 1,038,248     | 22,416                 | 10,459                 | 32,875     | 1,071,123     | 3,124,747     |  |
| Income before income taxes .....      | Dr. 1,755,725      | Dr. 167,037  | Dr. 1,922,762 | Dr. 67,664             | Dr. 10,742             | Dr. 78,406 | Dr. 2,001,168 | Dr. 8,390,352 |  |
| Provision for income taxes .....      | -                  | -            | -             | -                      | 8,424                  | 8,424      | 8,424         | 21,321        |  |
| Net income after income taxes .....   | Dr. 1,755,725      | Dr. 167,037  | Dr. 1,922,762 | Dr. 67,664             | Dr. 19,166             | Dr. 86,830 | Dr. 2,009,592 | Dr. 8,411,673 |  |

(1) Group II non-scheduled carriers included with Group III for purposes of this report.  
(2) Data in Tables 3, 8 and 10 included in this table.



TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

March 1964

- 11 -

|                                       | Canadian<br>Pacific<br>Air Lines | Eastern<br>Provincial<br>Airways<br>(1963) | Pacific<br>Western<br>Airlines | Quebecair<br>Inc. | Transair<br>Ltd. | Trans-<br>Canada<br>Air Lines | Total         | Year<br>to<br>date |
|---------------------------------------|----------------------------------|--|--------------------------------|-------------------|------------------|-------------------------------|---------------|--------------------|
| Operating revenues:                   |                                  |  |                                |                   |                  |                               |               |                    |
| Unit toll transportation:             |                                  |  |                                |                   |                  |                               |               |                    |
| Passengers .....                      | 3,888,163                        | 139,922                                    | 278,883                        | 212,250           | 133,023          | 12,586,626                    | 17,238,867    | 48,955,721         |
| Express .....                         | 13,354                           | 2,511                                      | 9,561                          | -                 | 3,217            | 273,592                       | 302,235       | 928,657            |
| Freight .....                         | 317,238                          | 66,215                                     | 57,592                         | 32,231            | 20,501           | 821,150                       | 1,314,927     | 3,587,739          |
| Excess baggage .....                  | 40,543                           | 2,732                                      | 4,389                          | 4,576             | 1,548            | 72,975                        | 126,763       | 362,156            |
| Mail .....                            | 261,476                          | 84,408                                     | 44,654                         | 6,180             | 24,237           | 965,747                       | 1,386,702     | 3,951,465          |
| Total unit toll transportation ..     | 4,520,774                        | 295,788                                    | 395,079                        | 255,237           | 182,526          | 14,720,090                    | 20,369,494    | 57,785,738         |
| Bulk transportation .....             | 156,620                          | 104,492                                    | 154,490                        | -                 | 126,449          | 158,583                       | 700,634       | 2,105,959          |
| Total transportation .....            | 4,677,394                        | 400,280                                    | 549,569                        | 255,237           | 308,975          | 14,878,673                    | 21,070,128    | 59,891,697         |
| Other flying services .....           | -                                | 40,381                                     | -                              | -                 | -                | 3,711                         | 44,092        | 70,564             |
| Total flying services .....           | 4,677,394                        | 440,661                                    | 549,569                        | 255,237           | 308,975          | 14,882,384                    | 21,114,220    | 59,962,261         |
| Non-flying services .....             | 84,696                           | 17,338                                     | 892                            | 2,963             | 2,071            | 166,001                       | 273,961       | 616,100            |
| Total operating revenues .....        | 4,762,090                        | 457,999                                    | 550,461                        | 258,200           | 311,046          | 15,048,385                    | 21,386,181    | 60,578,361         |
| Operating expenses:                   |                                  |  |                                |                   |                  |                               |               |                    |
| Flying operations .....               | 1,654,478                        | 145,430                                    | 223,790                        | 67,187            | 132,893          | 3,347,363                     | 5,571,141     | 16,295,513         |
| Maintenance .....                     | 762,822                          | 134,412                                    | 141,880                        | 71,064            | 127,494          | 3,757,964                     | 4,995,636     | 14,698,110         |
| General services and administrations: |                                  |  |                                |                   |                  |                               |               |                    |
| Passenger service .....               | 374,790                          | 9,630                                      | 18,232                         | 8,100             | 18,393           | 1,163,024                     | 1,592,169     | 4,560,971          |
| Aircraft and traffic servicing .....  | 536,365                          | 62,418                                     | 114,032                        | 27,457            | 21,784           | 2,618,149                     | 3,382,205     | 9,911,141          |
| Promotion and sales .....             | 902,785                          | 11,303                                     | 32,321                         | 49,427            | 37,263           | 2,416,556                     | 3,449,655     | 9,990,409          |
| General administration .....          | 195,409                          | 6,316                                      | 35,321                         | 24,420            | 18,483           | 712,057                       | 992,006       | 2,960,742          |
| Totals .....                          | 2,011,349                        | 89,667                                     | 199,906                        | 109,404           | 95,923           | 6,909,786                     | 9,416,035     | 27,423,263         |
| Depreciation and amortization .....   | 178,796                          | 71,162                                     | 27,198                         | 33,030            | 20,190           | 2,123,007                     | 2,453,383     | 7,323,525          |
| Total operating expenses .....        | 4,607,445                        | 440,671                                    | 592,774                        | 280,685           | 376,500          | 16,138,120                    | 22,436,195    | 65,740,411         |
| Operating income (loss) .....         | 154,645                          | 17,328                                     | Dr. 42,313                     | Dr. 22,485        | Dr. 65,454       | Dr. 1,089,735                 | Dr. 1,048,014 | Dr. 5,162,050      |
| Non-operating income - Net:           |                                  |  |                                |                   |                  |                               |               |                    |
| Capital gains and losses .....        | -                                | -  | -                              | Dr. 532           | 467              | -                             | Dr. 65        | 21,583             |
| Interest and discounts .....          | 57,085                           | -  | -                              | -                 | 700              | 95,079                        | 152,864       | 429,914            |
| Miscellaneous non-operating income .. | 13,664                           | 6,240                                      | Dr. 57                         | Dr. 853           | Dr. 80           | Dr. 8,213                     | 10,701        | 32,663             |
| Income before interest expense .....  | 225,394                          | 23,568                                     | Dr. 42,370                     | Dr. 23,870        | Dr. 64,367       | Dr. 1,002,869                 | Dr. 884,514   | Dr. 4,677,890      |
| Interest expense .....                | -                                | 31,185                                     | 11,416                         | 11,318            | 6,079            | 978,250                       | 1,038,248     | 3,015,388          |
| Income before income taxes .....      | 225,394                          | Dr. 7,617                                  | Dr. 53,786                     | Dr. 35,188        | Dr. 70,446       | Dr. 1,981,119                 | Dr. 1,922,762 | Dr. 7,693,278      |
| Provision for income taxes .....      | -                                | -  | -                              | -                 | -                | -                             | -             | -                  |
| Net income after income taxes .....   | 225,394                          | Dr. 7,617                                  | Dr. 53,786                     | Dr. 35,186        | Dr. 70,446       | Dr. 1,981,119                 | Dr. 1,922,762 | Dr. 7,693,278      |

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

March 1964

|   | Group I carriers           |                        |             | Group II carriers                 |                             |                    |                   |            | Grand total   |
|---|----------------------------|------------------------|-------------|-----------------------------------|-----------------------------|--------------------|-------------------|------------|---------------|
|   | Canadian Pacific Air Lines | Trans-Canada Air Lines | Total       | Eastern Provincial Airways (1963) | Pacific Western Airlines(1) | Quebecair Inc. (1) | Transair Ltd. (1) | Total (1)  |               |
| Revenue transportation services:                      |                            |                        |             |                                   |                             |                    |                   |            |               |
| Unit toll:  |                            |                        |             |                                   |                             |                    |                   |            |               |
| Departures .....                                      | 1,811                      | 10,446                 | 12,257      | 1,399                             | 1,266                       | 911                | 993               | 4,569      | 16,826        |
| Hours flown .....                                     | 3,449                      | 13,427                 | 16,876      | 1,201                             | 1,322                       | 646                | 961               | 4,130      | 21,006        |
| Miles scheduled .....                                 | 1,213,283                  | 3,868,500              | 5,081,783   | 52,796                            | 164,426                     | 71,876             | 91,453            | 380,551    | 5,462,334     |
| Miles flown:  |                            |                        |             |                                   |                             |                    |                   |            |               |
| Scheduled - Regular .....                             | 1,178,195                  | 3,707,347              | 4,885,542   | 48,096                            | 162,666                     | 61,595             | 90,432            | 362,789    | 5,248,331     |
| Extra section .....                                   | 7,500                      | 153,990                | 161,490     | 7,938                             | 10,474                      | 2,534              | 7,722             | 28,668     | 190,158       |
| Non-scheduled .....                                   | 49,269                     | -                      | 49,269      | 96,258                            | 25,685                      | 50,398             | 42,125            | 214,466    | 263,735       |
| Totals .....  | 1,234,964                  | 3,861,337              | 5,096,301   | 152,292                           | 198,825                     | 114,527            | 140,279           | 605,923    | 5,702,224     |
| Ratio of regular miles flown to miles scheduled ..... | 97.1                       | 95.8                   | 96.1        | 91.1                              | 98.9                        | 85.7               | 98.9              | 95.3       | 96.1          |
| Passengers carried .....                              | 41,046                     | 307,186                | 348,232     | 7,455                             | 13,469                      | 7,425              | 4,748             | 33,097     | 381,329       |
| Goods carried:  |                            |                        |             |                                   |                             |                    |                   |            |               |
| Freight .....   | 685,782                    | 5,147,592              | 5,833,374   | 622,951                           | 416,698                     | 146,888            | 146,910           | 1,333,447  | 7,166,821     |
| Express .....   | 62,109                     | 804,615                | 866,724     | 12,050                            | 29,249                      | -                  | 11,538            | 52,837     | 919,561       |
| Excess baggage .....                                  | 52,129                     | ..                     | 52,129(2)   | 17,623                            | 16,458                      | 24,533             | 11,339            | 66,753     | 118,882(2)    |
| Mail .....  | 225,145                    | 3,076,594              | 3,301,739   | 246,179                           | 163,124                     | 32,882             | 86,601            | 530,786    | 3,832,525     |
| Totals .....  | 1,025,165                  | 9,028,801              | 10,053,966  | 900,803                           | 625,529                     | 204,303            | 253,188           | 1,983,823  | 12,037,789(2) |
| Passenger-miles:                                      |                            |                        |             |                                   |                             |                    |                   |            |               |
| Scheduled .....                                       | 67,842,172                 | 204,400,775            | 272,242,947 | 453,380                           | 2,989,904                   | 1,312,902          | 1,331,804         | 6,087,990  | 278,330,937   |
| Non-scheduled .....                                   | 1,116,163                  | -                      | 1,116,163   | 980,092                           | 72,005                      | 1,072,105          | 165,200           | 2,289,402  | 3,405,565     |
| Totals .....  | 68,958,335                 | 204,400,775            | 273,359,110 | 1,433,472                         | 3,061,909                   | 2,385,007          | 1,497,004         | 8,377,392  | 281,736,502   |
| Available seat-miles on scheduled services .....      | 144,200,903                | 356,880,424            | 501,081,327 | 1,398,743                         | 6,724,052                   | 2,283,948          | 3,566,413         | 13,973,156 | 515,054,483   |
| Passenger load factor on scheduled services .....     | 47.0                       | 57.3                   | 54.3        | 32.4                              | 44.5                        | 57.5               | 37.3              | 43.6       | 54.0          |
| Goods ton-miles:                                      |                            |                        |             |                                   |                             |                    |                   |            |               |
| Freight - Scheduled .....                             | 978,274                    | 3,112,156              | 4,090,430   | 136,127                           | 115,818                     | 20,614             | 19,612            | 292,171    | 4,382,601     |
| Non-scheduled .....                                   | 1,991                      | -                      | 1,991       | 14,960                            | 6,419                       | 6,617              | 6,419             | 30,310     | 32,310        |
| Totals .....  | 980,265                    | 3,112,156              | 4,092,421   | 151,087                           | 118,132                     | 27,231             | 26,031            | 322,481    | 4,414,902     |
| Express - Scheduled .....                             | 15,590                     | 297,384                | 312,974     | 384                               | 7,326                       | -                  | 2,772             | 10,482     | 323,456       |
| Non-scheduled .....                                   | 581                        | -                      | 581         | 1,952                             | 7,326                       | -                  | 92                | 2,044      | 2,625         |
| Totals .....  | 16,171                     | 297,384                | 313,555     | 2,336                             | 7,326                       | -                  | 2,864             | 12,526     | 326,081       |

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Continued

March 1964

|   | Group I carriers           |                        |             | Group II carriers                 |                             |                   |                  |            | Grand total |
|---|----------------------------|------------------------|-------------|-----------------------------------|-----------------------------|-------------------|------------------|------------|-------------|
|   | Canadian Pacific Air Lines | Trans-Canada Air Lines | Total       | Eastern Provincial Airways (1963) | Pacific Western Airlines(1) | Quebecair Inc.(1) | Transair Ltd.(1) | Total(1)   |             |
| Revenue transportation services - Concluded:                              |                            |                        |             |                                   |                             |                   |                  |            |             |
| Unit toll - Concluded:  |                            |                        |             |                                   |                             |                   |                  |            |             |
| Goods ton-miles - Concluded:  |                            |                        |             |                                   |                             |                   |                  |            |             |
| Excess baggage - Scheduled .....  | 62,564                     | 163,450                | 226,014     | 1,787                             | 2,251                       | 2,261             | 1,346            | 7,645      | 233,659     |
| Non-scheduled .....   | 184                        | -                      | 184         | 1,727                             | 28                          | 2,673             | 202              | 4,630      | 4,814       |
| Totals .....  | 62,748                     | 163,450                | 226,198     | 3,514                             | 2,279                       | 4,934             | 1,548            | 12,275     | 238,473     |
| Mail - Scheduled .....  | 235,310                    | 1,216,303              | 1,451,613   | 8,834                             | 40,780                      | 2,573             | 4,949            | 57,136     | 1,508,749   |
| Non-scheduled .....   | 3,801                      | 3,801                  | 3,801       | 20,204                            | 238                         | 1,981             | 6,339            | 28,762     | 32,563      |
| Totals .....  | 239,111                    | 1,216,303              | 1,455,414   | 29,038                            | 41,018                      | 4,554             | 11,288           | 85,898     | 1,541,312   |
| Total - Scheduled .....   | 1,291,738                  | 4,789,293              | 6,081,031   | 147,132                           | 166,175                     | 25,448            | 28,679           | 367,434    | 6,448,465   |
| Non-scheduled .....   | 6,557                      | -                      | 6,557       | 38,843                            | 2,580                       | 11,271            | 13,052           | 65,746     | 72,303      |
| Totals .....  | 1,298,295                  | 4,789,293              | 6,087,588   | 185,975                           | 168,755                     | 36,719            | 41,731           | 433,180    | 6,520,768   |
| Available ton-miles on scheduled services .....                           | 19,059,618                 | 50,192,331             | 69,251,749  | 384,076                           | 970,669                     | 228,282           | 440,905          | 2,023,932  | 71,275,681  |
| Weight load factor on scheduled services(3) .....                         | 42.4                       | 50.3                   | 48.1        | 50.1                              | 47.9                        | 68.7              | 36.7             | 48.2       | 48.1        |
| Bulk:   |                            |                        |             |                                   |                             |                   |                  |            |             |
| Departures .....  | 37                         | 58                     | 95          | 429                               | 1,137                       | -                 | 212              | 1,778      | 1,873       |
| Hours flown .....   | 154                        | 154                    | 308         | 542                               | 1,088                       | -                 | 443              | 2,073      | 2,381       |
| Miles flown .....   | 52,607                     | 61,767                 | 114,374     | 48,616                            | 131,279                     | -                 | 74,709           | 254,604    | 368,978     |
| Passengers carried .....  | 1,105                      | 2,193                  | 3,298       | 2,360                             | 2,661                       | -                 | 593              | 5,614      | 8,912       |
| Freight carried .....   | 32,368                     | -                      | 32,368      | 418,619                           | 601,027                     | -                 | 460,329          | 1,479,975  | 1,512,343   |
| Passenger-miles(4) .....  | 4,497,883                  | 4,875,447              | 9,373,330   | 183,254                           | 2,005,827                   | -                 | 657,629          | 2,846,710  | 12,220,040  |
| Goods ton-miles(4) .....  | 34,132                     | -                      | 34,132      | 23,473                            | 18,136                      | -                 | 260,376          | 301,985    | 336,117     |
| Revenue non-transportation services: Specialty flying - Hours flown ..... | -                          | 14                     | 14          | 253                               | -                           | -                 | -                | 253        | 267         |
| Total - All services:   |                            |                        |             |                                   |                             |                   |                  |            |             |
| Traffic, hours and miles:(5)  |                            |                        |             |                                   |                             |                   |                  |            |             |
| Revenue:  |                            |                        |             |                                   |                             |                   |                  |            |             |
| Departures .....  | 1,848                      | 10,504                 | 12,352      | 1,828                             | 2,403                       | 911               | 1,205            | 6,347      | 18,699      |
| Hours flown .....   | 3,603                      | 13,595                 | 17,198      | 1,996                             | 2,410                       | 646               | 1,404            | 6,456      | 23,654      |
| Miles flown .....   | 1,287,571                  | 3,923,104              | 5,210,675   | 200,908                           | 330,104                     | 114,527           | 214,988          | 860,527    | 6,071,202   |
| Passengers carried .....  | 42,151                     | 309,379                | 351,530     | 9,815                             | 16,130                      | 7,425             | 5,341            | 38,711     | 390,241     |
| Cargo carried .....   | 780,259                    | 5,924,207              | 6,704,466   | 1,053,620                         | 1,046,974                   | 146,888           | 618,777          | 2,866,259  | 9,598,725   |
| Goods carried .....   | 1,057,533                  | 9,028,801              | 10,086,334  | 1,319,422                         | 1,226,556                   | 204,303           | 713,517          | 3,463,798  | 13,550,132  |
| Passenger-miles(4) .....  | 73,456,218                 | 209,276,222            | 282,732,440 | 1,616,726                         | 5,067,736                   | 2,385,007         | 2,154,633        | 11,224,102 | 293,956,542 |
| Goods ton-miles(4) .....  | 1,332,427                  | 4,789,293              | 6,121,720   | 209,448                           | 186,891                     | 36,719            | 302,107          | 735,165    | 6,856,885   |

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

March 1964

|   | Group I carriers           |                        |             | Group II carriers                 |                              |                    |                   |           | Grand total |
|---|----------------------------|------------------------|-------------|-----------------------------------|------------------------------|--------------------|-------------------|-----------|-------------|
|   | Canadian Pacific Air Lines | Trans-Canada Air Lines | Total       | Eastern Provincial Airways (1963) | Pacific Western Airlines (1) | Quebecair Inc. (1) | Transair Ltd. (1) | Total (1) |             |
| Total - All services - Concluded:         |                            |                        |             |                                   |                              |                    |                   |           |             |
| Traffic, hours and miles - Concluded: (5) |                            |                        |             |                                   |                              |                    |                   |           |             |
| Non-revenue:                              |                            |                        |             |                                   |                              |                    |                   |           |             |
| Hours flown .....                         | 126                        | 474                    | 600         | 78                                | 136                          | 14                 | 35                | 263       | 863         |
| Passengers carried .....                  | 1,613                      | ..                     | 1,613 (2)   | 301                               | 406                          | 161                | 141               | 1,009     | 2,622 (2)   |
| Goods carried .....                       | 135,753                    | ..                     | 135,753 (2) | 10,328                            | 25,422                       | -                  | 11,774            | 47,524    | 183,277 (2) |
| Passenger-miles .....                     | 3,289,413                  | 11,220,786             | 14,510,199  | 97,795                            | 135,467                      | 43,373             | 74,046            | 350,681   | 14,860,880  |
| Goods ton-miles .....                     | 195,450                    | 274,986                | 470,436     | 2,694                             | 8,668                        | -                  | 3,059             | 14,421    | 486,857     |
| Fuel and oil consumed:                    |                            |                        |             |                                   |                              |                    |                   |           |             |
| Turbo fuel - Quantity .....               | 3,620,869                  | 11,050,828             | 14,671,697  | 80,100                            | -                            | 118,664            | 56,315            | 255,079   | 14,926,776  |
| Cost .....                                | 594,671                    | 1,474,189              | 2,068,860   | 19,224                            | -                            | 26,106             | 12,882            | 58,212    | 2,127,072   |
| Gasoline - Quantity .....                 | 387,148                    | -                      | 387,148     | 108,374                           | 247,105                      | 7,741              | 136,784           | 500,004   | 887,152     |
| Cost .....                                | 107,768                    | -                      | 107,768     | 38,836                            | 93,632                       | 2,632              | 51,418            | 186,518   | 294,286     |
| Turbo oil - Quantity .....                | 457                        | 2,597                  | 3,054       | 40                                | -                            | 60                 | 4                 | 104       | 3,158       |
| Cost .....                                | 3,785                      | 27,549                 | 31,244      | 600                               | -                            | 810                | 44                | 1,454     | 32,698      |
| Other oil - Quantity .....                | 4,727                      | -                      | 4,727       | 1,662                             | 2,845                        | 383                | 3,111             | 8,001     | 12,728      |
| Cost .....                                | 4,039                      | -                      | 4,039       | 2,078                             | 3,556                        | 459                | 3,111             | 9,204     | 13,243      |
| Average number of employees:              |                            |                        |             |                                   |                              |                    |                   |           |             |
| Pilots and co-pilots .....                | 206                        | 588                    | 794         | 55                                | 71                           | 25                 | 48                | 199       | 993         |
| Other flight personnel .....              | 261                        | 666                    | 927         | 8                                 | 41                           | 10                 | 25                | 84        | 1,011       |
| General management .....                  | 125                        | 64                     | 189         | 38                                | 45                           | 48                 | 21                | 152       | 341         |
| Maintenance labour .....                  | 563                        | 2,523                  | 3,086       | 152                               | 184                          | 68                 | 105               | 509       | 3,595       |
| Aircraft and traffic servicing .....      | 818                        | 3,759                  | 4,577       | 99                                | 92                           | 110                | 66                | 367       | 4,944       |
| Other personnel .....                     | 667                        | 3,823                  | 4,490       | -                                 | 14                           | 9                  | 49                | 72        | 4,562       |
| Total employees .....                     | 2,640                      | 11,423                 | 14,063      | 352                               | 447                          | 270                | 314               | 1,383     | 15,446      |
| Salaries and wages:                       |                            |                        |             |                                   |                              |                    |                   |           |             |
| Pilots and co-pilots .....                | 270,946                    | 753,370                | 1,024,316   | 33,062                            | 61,135                       | 21,073             | 38,954            | 154,224   | 1,178,540   |
| Other flight personnel .....              | 133,643                    | 311,038                | 444,681     | 2,890                             | 10,754                       | 1,772              | 8,109             | 23,525    | 468,206     |
| General management .....                  | 104,420                    | 108,354                | 212,774     | 20,452                            | 20,754                       | 21,458             | 13,774            | 76,067    | 288,841     |
| Maintenance labour .....                  | 263,044                    | 1,353,687              | 1,616,731   | 82,789                            | 83,994                       | 33,196             | 34,641            | 234,620   | 1,851,351   |
| Aircraft and traffic servicing .....      | 345,842                    | 1,955,668              | 2,301,510   | 32,444                            | 52,374                       | 39,478             | 24,836            | 149,132   | 2,450,642   |
| Other personnel .....                     | 265,695                    | 1,997,075              | 2,262,770   | -                                 | 4,550                        | 4,434              | 11,501            | 20,485    | 2,283,255   |
| Total salaries and wages .....            | 1,383,590                  | 6,479,192              | 7,862,782   | 171,637                           | 233,190                      | 121,411            | 131,815           | 658,053   | 8,520,835   |

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Excludes Trans-Canada Air Lines.

(3) Standard passenger weight used: 200 pounds.

(4) Excludes charter aircraft not having a maximum authorized take-off weight in excess of 18,000 pounds.

(5) These data exclude non-transportation services, except for hours flown.



TABLE 5. Revenue Interline Traffic(1), Canadian Scheduled Carriers - All Services, by Company

March 1964

|                                | Canadian<br>Pacific<br>Air Lines | Eastern<br>Provincial<br>Airways<br>(1963) | Pacific<br>Western<br>Airlines | Quebecair<br>Inc. | Transair<br>Ltd. | Trans-<br>Canada<br>Air Lines | Total     |
|--------------------------------|----------------------------------|--|--------------------------------|-------------------|------------------|-------------------------------|-----------|
| <b>Passengers carried:</b>     |                                  |  |                                |                   |                  |                               |           |
| Originated .....               | 34,276                           | 5,579                                      | 12,732                         | 7,425             | 4,167            | 264,657                       | 328,836   |
| Domestic interline .....       | 2,724                            | 1,489                                      | -                              | -                 | -                | 42,529                        | 50,501    |
| Foreign interline .....        | 3,759                            | -  | -                              | -                 | -                | -                             | -         |
| Totals(2) .....                | 40,759                           | 7,068                                      | 12,732                         | 7,425             | 4,167            | 307,186                       | 379,337   |
| <b>Express carried:</b>        |                                  |  |                                |                   |                  |                               |           |
| Originated .....               | 62,109                           | 12,050                                     | 29,249                         | -                 | 11,538           | 804,615                       | 919,561   |
| Domestic interline .....       | -                                | -  | -                              | -                 | -                | -                             | -         |
| Foreign interline .....        | -                                | -  | -                              | -                 | -                | -                             | -         |
| Totals(2) .....                | 62,109                           | 12,050                                     | 29,249                         | -                 | 11,538           | 804,615                       | 919,561   |
| <b>Freight carried:</b>        |                                  |  |                                |                   |                  |                               |           |
| Originated .....               | 536,876                          | 622,951                                    | 375,964                        | 146,888           | 74,060           | 5,147,592                     | 6,904,331 |
| Domestic interline .....       | 12,131                           | -  | -                              | -                 | -                | -                             | 12,131    |
| Foreign interline .....        | 64,359                           | -  | -                              | -                 | -                | -                             | 64,359    |
| Totals(2) .....                | 613,366                          | 622,951                                    | 375,964                        | 146,888           | 74,060           | 5,147,592                     | 6,980,821 |
| <b>Excess baggage carried:</b> |                                  |  |                                |                   |                  |                               |           |
| Originated .....               | -                                | 17,623                                     | 15,941                         | 24,533            | 5,549            | -                             | 63,646(3) |
| Domestic interline .....       | -                                | -  | -                              | -                 | -                | -                             | -         |
| Foreign interline .....        | -                                | -  | -                              | -                 | -                | -                             | -         |
| Totals(2) .....                | -                                | 17,623                                     | 15,941                         | 24,533            | 5,549            | -                             | 63,646(3) |
| <b>Mail carried:</b>           |                                  |  |                                |                   |                  |                               |           |
| Originated .....               | 225,145                          | 121,850                                    | 159,660                        | 32,882            | 23,614           | 3,076,594                     | 3,639,745 |
| Domestic interline .....       | -                                | -  | -                              | -                 | -                | -                             | -         |
| Foreign interline .....        | -                                | -  | -                              | -                 | -                | -                             | -         |
| Totals(2) .....                | 225,145                          | 121,850                                    | 159,660                        | 32,882            | 23,614           | 3,076,594                     | 3,639,745 |

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Board.

(2) Excludes division interline.

(3) Excludes Trans-Canada Air Lines.



TABLE 6. Operating Statistics, Canadian International Carriers - All Revenue Services, by area of Service

March 1964

|  | Trans-Border Services | Trans-Atlantic and Polar Services | Southern Services | Pacific and Orient Services | Total International Services | Domestic Services | Grand total |
|--|-----------------------|-----------------------------------|-------------------|-----------------------------|------------------------------|-------------------|-------------|
| <b>Unit toll:</b>  |                       |                                   |                   |                             |                              |                   |             |
| Departures .....   | 1,576                 | 364                               | 517               | 124                         | 2,581                        | 9,676             | 12,257      |
| Hours flown .....  | 2,766                 | 1,292                             | 1,555             | 808                         | 5,821                        | 11,055            | 16,876      |
| Miles scheduled .....  | 516,433               | 606,095                           | 624,611           | 374,121                     | 2,121,260                    | 2,960,523         | 5,081,783   |
| <b>Miles flown:</b>  |                       |                                   |                   |                             |                              |                   |             |
| Scheduled - Regular .....                                    | 471,770               | 589,528                           | 616,369           | 354,752                     | 2,032,419                    | 2,853,123         | 4,885,542   |
| Extra sections .....   | 35,518                | 4,690                             | 48,519            | -                           | 88,727                       | 72,763            | 161,490     |
| Non-scheduled .....  | -                     | -                                 | -                 | -                           | -                            | 49,269            | 49,269      |
| Totals .....   | 507,288               | 594,218                           | 664,888           | 354,752                     | 2,121,146                    | 2,975,155         | 5,096,301   |
| <b>Ratio of regular miles flown to miles scheduled</b> ..... | 91.4                  | 97.3                              | 98.7              | 94.8                        | 95.8                         | 96.4              | 96.1        |
| <b>Passengers carried</b> .....                              | ...                   | ...                               | ...               | ...                         | 128,243                      | 219,989           | 348,232     |
| Cargo carried .....  | ...                   | ...                               | ...               | ...                         | 2,884,474                    | 3,815,624         | 6,700,098   |
| Mail carried .....   | ...                   | ...                               | ...               | ...                         | 416,714                      | 2,885,025         | 3,301,739   |
| <b>Passenger-miles</b> .....                                 | 27,575,126            | 35,939,701                        | 49,264,549        | 21,169,073                  | 133,948,449                  | 139,410,661       | 273,359,110 |
| <b>Available seat-miles on scheduled services</b> .....      | 43,275,831            | 78,910,676                        | 84,674,129        | 44,997,191                  | 251,857,827                  | 249,223,500       | 501,081,327 |
| <b>Passenger load factor on scheduled services</b> .....     | 63.7                  | 45.5                              | 58.2              | 47.0                        | 53.2                         | 55.9              | 54.6        |
| <b>Goods ton-miles:</b>                                      |                       |                                   |                   |                             |                              |                   |             |
| Express .....  | 49,134                | 913,283                           | 461,789           | 391,707                     | 49,134                       | 264,421           | 313,555     |
| Freight .....  | 265,910               | 31,589                            | 53,241            | 20,470                      | 2,032,689                    | 2,059,732         | 4,092,421   |
| Excess baggage .....   | 16,898                | 184,620                           | 62,548            | 126,241                     | 122,198                      | 104,000           | 226,198     |
| Mail .....   | 38,798                | 1,129,492                         | 577,578           | 538,418                     | 412,207                      | 1,043,207         | 1,455,414   |
| Totals .....   | 370,740               | 1,129,492                         | 577,578           | 538,418                     | 2,616,228                    | 3,471,360         | 6,087,588   |
| <b>Available ton-miles on scheduled service</b> .....        | 5,255,264             | 11,063,566                        | 11,541,057        | 5,838,738                   | 33,698,625                   | 35,553,124        | 69,251,749  |
| <b>Weight load factor on scheduled services(1)</b> .....     | 59.5                  | 42.8                              | 47.7              | 45.5                        | 47.5                         | 49.0              | 48.3        |
| <b>Bulk:</b>   |                       |                                   |                   |                             |                              |                   |             |
| Departures .....   | 28                    | 72                                | 16                | 11                          | 127                          | ...               | ...         |
| Hours flown .....  | 52                    | 266                               | 82                | 36                          | 436                          | ...               | ...         |
| Miles flown .....  | 9,948                 | 94,549                            | 24,281            | 11,537                      | 145,315                      | ...               | ...         |
| Passengers carried .....                                     | 226                   | 2,463                             | 32,368            | 305                         | 4,138                        | ...               | ...         |
| Goods carried .....  | 100                   | 8,462                             | 32,368            | -                           | 40,930                       | ...               | ...         |
| Passenger-miles(2) .....                                     | ...                   | ...                               | ...               | ...                         | 11,075,546                   | ...               | ...         |
| Goods ton-miles(2) .....                                     | -                     | 656                               | 34,132            | -                           | 34,788                       | ...               | ...         |
| <b>Total:</b>  |                       |                                   |                   |                             |                              |                   |             |
| Departures .....   | 1,604                 | 436                               | 533               | 135                         | 2,708                        | ...               | ...         |
| Hours flown .....  | 2,218                 | 1,558                             | 1,637             | 844                         | 6,257                        | ...               | ...         |
| Miles flown .....  | 517,236               | 688,767                           | 689,169           | 366,289                     | 2,266,461                    | ...               | ...         |
| Passengers carried .....                                     | ...                   | ...                               | ...               | ...                         | ...                          | ...               | ...         |
| Goods carried .....  | ...                   | ...                               | ...               | ...                         | ...                          | ...               | ...         |
| Passenger-miles(2) .....                                     | ...                   | ...                               | ...               | ...                         | ...                          | ...               | ...         |
| Goods ton-miles(2) .....                                     | ...                   | 1,130,148                         | 611,710           | 538,418                     | 2,651,016                    | ...               | ...         |

(1) Standard passenger weight used: 200 pounds.

(2) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

TABLE 7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)

March 1964

|  | United States              |                 |           | Europe                    |                 |           |
|--|----------------------------|-----------------|-----------|---------------------------|-----------------|-----------|
|  | To                         | From            | Total     | To                        | From            | Total     |
| Passengers carried:                          |                            |                 |           |                           |                 |           |
| Unit toll ..... No.                          | 74,321                     | 75,436          | 149,757   | 8,339                     | 11,549          | 19,888    |
| Bulk ..... "                                 | 156                        | 30              | 186       | 1,188                     | 1,305           | 2,493     |
| Totals ..... "                               | 74,477                     | 75,466          | 149,943   | 9,527                     | 12,854          | 22,381    |
| Freight, express and excess baggage carried: |                            |                 |           |                           |                 |           |
| Unit toll ..... lb.                          | 523,165                    | 2,173,851       | 2,697,016 | 542,778                   | 1,412,130       | 1,954,908 |
| Bulk ..... "                                 | -                          | -               | -         | -                         | -               | -         |
| Totals ..... "                               | 523,165                    | 2,173,851       | 2,697,016 | 542,778                   | 1,412,130       | 1,954,908 |
| Mail carried (unit toll) ..... "             | 138,677                    | 247,659         | 386,336   | 134,349                   | 150,284         | 284,633   |
|  | All other areas            |                 |           | Totals                    |                 |           |
|  | To                         | From            | Total     | To                        | From            | Total     |
| Passengers carried:                          |                            |                 |           |                           |                 |           |
| Unit toll ..... No.                          | 10,482                     | 13,288          | 23,770    | 93,142                    | 100,273         | 193,415   |
| Bulk ..... "                                 | 339                        | 461             | 800       | 1,683                     | 1,796           | 3,479     |
| Totals ..... "                               | 10,821                     | 13,749          | 24,570    | 94,825                    | 102,069         | 196,894   |
| Freight, express and excess baggage carried: |                            |                 |           |                           |                 |           |
| Unit toll ..... lb.                          | 243,962                    | 125,805         | 369,767   | 1,309,905                 | 3,711,786       | 5,021,691 |
| Bulk ..... "                                 | 32,368                     | -               | 32,368    | 32,368                    | -               | 32,368    |
| Totals ..... "                               | 276,330                    | 125,805         | 402,135   | 1,342,273                 | 3,711,786       | 5,054,059 |
| Mail carried (unit toll) ..... "             | 21,305                     | 25,759          | 47,064    | 294,331                   | 423,702         | 718,033   |
|  | Total by Canadian carriers |                 |           | Total by Foreign carriers |                 |           |
|  | Leaving Canada             | Entering Canada | Total     | Leaving Canada            | Entering Canada | Total     |
| Passengers carried:                          |                            |                 |           |                           |                 |           |
| Unit toll ..... No.                          | 59,926                     | 64,510          | 124,436   | 33,216                    | 35,763          | 68,979    |
| Bulk ..... "                                 | 1,508                      | 1,357           | 2,865     | 175                       | 439             | 614       |
| Totals ..... "                               | 61,434                     | 65,867          | 127,301   | 33,391                    | 36,202          | 69,593    |
| Freight, express and excess baggage carried: |                            |                 |           |                           |                 |           |
| Unit toll ..... lb.                          | 829,487                    | 1,890,079       | 2,719,566 | 480,418                   | 1,821,707       | 2,302,125 |
| Bulk ..... "                                 | 32,368                     | -               | 32,368    | -                         | -               | -         |
| Totals ..... "                               | 861,855                    | 1,890,079       | 2,751,934 | 480,418                   | 1,821,707       | 2,302,125 |
| Mail carried (unit toll) ..... "             | 190,588                    | 190,322         | 380,910   | 103,743                   | 233,380         | 337,123   |

(1) Passengers and goods in transit through Canada are excluded.

TABLE 8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service

March 1964

|                                      | Fixed wing aircraft |                |               |                | Helicopters   |                |               |                |
|--------------------------------------|---------------------|----------------|---------------|----------------|---------------|----------------|---------------|----------------|
|                                      | Month               |                | Year to date  |                | Month         |                | Year to date  |                |
|                                      | Revenue hours       | Revenue earned | Revenue hours | Revenue earned | Revenue hours | Revenue earned | Revenue hours | Revenue earned |
|                                      | No.                 | \$             | No.           | \$             | No.           | \$             | No.           | \$             |
| Type of service:                     |                     |                |               |                |               |                |               |                |
| Aerial advertising .....             | -                   | -              | -             | -              | 16            | 1,495          | 103           | 10,130         |
| Aerial fish cultivation .....        | -                   | -              | -             | -              | -             | -              | -             | -              |
| Aerial patrol and inspection .....   | 764                 | 105,261        | 1,800         | 215,871        | 200           | 31,571         | 679           | 88,783         |
| Aerial pest control .....            | -                   | -              | 2             | 225            | -             | -              | -             | -              |
| Aerial photography and survey .....  | 171                 | 16,408         | 471           | 47,191         | -             | -              | 86            | 2,195          |
| Aerial photography (excl. survey) .. | 13                  | 278            | 77            | 1,524          | -             | -              | 44            | 3,917          |
| Aircraft rental .....                | 96                  | 6,680          | 157           | 7,695          | -             | -              | 3             | 250            |
| Flying training .....                | 2,436               | 41,318         | 6,428         | 111,584        | 71            | 7,873          | 156           | 13,207         |
| Geophysical survey .....             | 737                 | 77,678         | 1,532         | 197,502        | -             | -              | 20            | 3,917          |
| Non-transportation charter .....     | 416                 | 11,718         | 417           | 11,869         | -             | -              | 2             | 509            |
| Philanthropic .....                  | -                   | -              | -             | -              | -             | -              | -             | -              |
| Recreational flying .....            | 766                 | 15,672         | 2,161         | 41,303         | 3             | 232            | 29            | 4,167          |
| Specialty flying - Other .....       | -                   | -              | -             | -              | 5             | 545            | 9             | 1,076          |
| Totals .....                         | 5,399               | 275,013        | 13,045        | 634,764        | 295           | 41,716         | 1,131         | 128,151        |

TABLE 9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV

March 1964

|                                       | Carriers operating helicopters only |              | Carriers operating both helicopters and fixed wing aircraft |              | Total  |              |
|---------------------------------------|-------------------------------------|--------------|---|--------------|--------|--------------|
|                                       | Month                               | Year to date | Month   | Year to date | Month  | Year to date |
| Carriers reporting .....              | No.                                 | 12           | ...   | 7            | ...    | 19           |
| Helicopters - Owned .....             | "                                   | 96           | 106   | 9            | 12     | 105          |
| Leased .....                          | "                                   | 4            | 7   | -            | 1      | 4            |
| Totals .....                          | "                                   | 100          | 113   | 9            | 13     | 109          |
| Revenue hours flown - Unit toll ..... | "                                   | 3            | 10  | -            | 3      | 10           |
| Bulk .....                            | "                                   | 2,068        | 3,398   | 92           | 398    | 2,160        |
| Specialty .....                       | "                                   | 196          | 788   | 99           | 211    | 295          |
| Totals .....                          | "                                   | 2,267        | 4,196   | 191          | 609    | 2,458        |
| Non-revenue hours flown .....         | "                                   | 216          | 343   | 23           | 55     | 239          |
| Fuel and oil consumed:                |                                     |              |   |              |        |              |
| Gasoline .....                        | gal.                                | 51,445       | 88,014  | 3,267        | 12,378 | 54,712       |
| Cost .....                            | \$                                  | 21,478       | 36,921  | 1,270        | 5,338  | 22,748       |
| Oil .....                             | gal.                                | 963          | 1,604   | 71           | 290    | 1,034        |
| Cost .....                            | \$                                  | 1,484        | 2,358   | 99           | 363    | 1,583        |
| Average number of employees:          |                                     |              |   |              |        |              |
| Pilots .....                          | No.                                 | 90           | 96  | 11           | 13     | 101          |
| Administrative .....                  | "                                   | 42           | 46  | 1            | 2      | 43           |
| Maintenance labour .....              | "                                   | 96           | 100   | 8            | 9      | 104          |
| Other personnel .....                 | "                                   | 4            | 8   | -            | -      | 4            |
| Totals .....                          | "                                   | 232          | 250   | 20           | 24     | 252          |
| Salaries and wages:                   |                                     |              |   |              |        |              |
| Pilots .....                          | \$                                  | 53,134       | 172,612   | 7,805        | 26,646 | 60,939       |
| Administrative .....                  | \$                                  | 22,862       | 74,925  | 900          | 3,870  | 23,762       |
| Maintenance labour .....              | \$                                  | 43,418       | 139,682   | 4,351        | 14,342 | 47,769       |
| Other personnel .....                 | \$                                  | 1,128        | 8,625   | -            | -      | 1,128        |
| Totals .....                          | \$                                  | 120,542      | 395,844   | 13,056       | 44,858 | 133,598      |

TABLE 10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV  
March 1964

|  | Current month |        | Year to date |         |
|--|---------------|--------|--------------|---------|
|  |               |        | dollars      |         |
| Operating revenues:                      |               |        |              |         |
| Unit toll transportation:                |               |        |              |         |
| Passengers .....                         | 31            |        | 55           |         |
| Express .....                            | -             |        | -            |         |
| Freight .....                            | -             |        | -            |         |
| Excess baggage .....                     | -             |        | -            |         |
| Mail .....                               | -             |        | -            |         |
| Total unit toll transportation .....     | 31            |        | 55           |         |
| Bulk transportation .....                | 220,141       |        | 426,415      |         |
| Total transportation .....               | 220,172       |        | 426,470      |         |
| Other flying services .....              | 20,147        |        | 79,535       |         |
| Total flying services .....              | 240,319       |        | 506,005      |         |
| Non-flying services .....                | 28,246        |        | 48,740       |         |
| Total operating revenues .....           | 268,565       |        | 554,745      |         |
| Operating expenses:                      |               |        |              |         |
| Flying operations .....                  | 154,173       |        | 379,859      |         |
| Maintenance .....                        | 114,013       |        | 269,717      |         |
| General service and administration ..... | 50,474        |        | 172,300      |         |
| Depreciation and amortization .....      | 28,357        |        | 100,174      |         |
| Total operating expenses .....           | 347,017       |        | 922,050      |         |
| Operating income (deficit) .....         | Dr.           | 78,452 | Dr.          | 367,305 |
| Non-operating income:                    |               |        |              |         |
| Capital gains and losses .....           | Dr.           | 2,313  |              | 8,188   |
| Interest and discounts .....             |               | 2,663  |              | 3,420   |
| Miscellaneous non-operating income ..... |               | 12,538 |              | 45,368  |
| Income before interest expense .....     | Dr.           | 65,564 | Dr.          | 310,329 |
| Interest expense .....                   |               | 6,246  |              | 17,542  |
| Income before income taxes .....         | Dr.           | 71,810 | Dr.          | 327,871 |
| Provision for income taxes .....         |               | -      |              | -       |
| Net income after income taxes .....      | Dr.           | 71,810 | Dr.          | 327,871 |

TABLE 11. Operating Statistics, Canadian Group V Carriers  
March 1964

|   | Quarter |           | Year to date |  |
|---|---------|-----------|--------------|--|
| Reporting carriers .....                | No.     | 284       |              |  |
| Transportation:                         |         |           |              |  |
| Hours flown .....                       | "       | 14,576    |              |  |
| Passengers carried .....                | "       | 25,468    |              |  |
| Goods carried .....                     | lb.     | 1,871,221 |              |  |
| Specialty flying services:              |         |           |              |  |
| Aerial advertising .....                | hr.     | -         |              |  |
| Aerial fish cultivation .....           | "       | -         |              |  |
| Aerial patrol and inspection .....      | "       | 996       |              |  |
| Aerial pest control .....               | "       | 6         |              |  |
| Aerial photography and survey .....     | "       | 123       |              |  |
| Aerial photography (excl. survey) ..... | "       | 54        |              |  |
| Aircraft rental .....                   | "       | 2,607     |              |  |
| Flying training .....                   | "       | 16,410    |              |  |
| Geophysical survey .....                | "       | 5         |              |  |
| Non-transportation charter .....        | "       | 4         |              |  |
| Philanthropic .....                     | "       | -         |              |  |
| Recreational flying .....               | "       | 1,992     |              |  |
| Specialty flying - Other .....          | "       | 147       |              |  |
| Totals .....                            | "       | 22,344    |              |  |
| Total - All services:                   |         |           |              |  |
| Revenue hours flown .....               | No.     | 36,920    |              |  |
| Non-revenue hours flown .....           | "       | 2,332     |              |  |

CIVIL AVIATION DEFINITIONS(1)

Bulk Transportation:

- (1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4); and
- (2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).

Classification of Canadian  
Carriers by Groups

- Group I Carriers: Canadian Air Carriers licensed to perform both domestic and international scheduled services. (Trans-Canada Air Lines and Canadian Pacific Air Lines Ltd.).
- Group II Carriers: Canadian Air Carriers other than Group I carriers licensed to perform domestic scheduled services and Nordair Ltd.(2).
- Group III Carriers: Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$500,000 or over (excepting air carriers included in Group I and II).
- Group IV Carriers: Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$100,000 and over, but less than \$500,000.
- Group V Carriers: Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of less than \$100,000.

Cargo:

Air freight and air express (excluding mail and excess baggage).

Carrier, Air:

Any person who operates aircraft in or over Canada for hire or reward.

Non-Scheduled Carriers: Carriers not operating any scheduled (Class I) service.

Scheduled Carriers: Air Carriers serving designated points in accordance with a service schedule and at a toll per unit.

- 
- (1) Reference to Classes refers to the classification of air carriers as defined by the Air Transport Board and published in the "Directory of Canadian Commercial Air Services" Queen's Printer, Ottawa.
  - (2) For statistical purposes in this report, Nordair Ltd. is included with Group III carriers.



Freedoms of the Air:

- First Freedom: The privilege to fly over the territory of a foreign country without landing.
- Second Freedom: The privilege to land on the territory of a foreign country for non-traffic purposes.
- Third Freedom: The privilege to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
- Fourth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
- Fifth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the privilege to put down in a foreign country, passengers, mail and cargo coming from any such territory.

Goods: Air Cargo (freight and express) plus mail and excess baggage.

Interline Traffic:

- Domestic Interline: Passengers and goods received by a carrier at Canadian points from other Canadian Air Carriers.
- Foreign Interline: Passengers and goods received by a carrier from Foreign Air Carriers.
- Divisional Interline: Passengers and goods received from other operating divisions of the same carrier.

International Services:

- Trans-Border Services: Services between Canada and the United States.
- Southern Services: Services between Canada and Bermuda, the Caribbean, Mexico, Central or South America.
- Trans-Atlantic and Polar Services: Services between Canada and Europe.
- Pacific and Orient Services: Services between Canada and points in the Pacific Ocean or the Orient.

Load Capacity Available: Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, stewards' supplies, etc.

|                                   |  |
|-----------------------------------|--|
| <u>Load Factor, Passenger:</u>    | Ratio of revenue passenger-miles performed to available seat-miles.  |
| <u>Load Factor, Weight:</u>       | - See Weight, Load-Factor.   |
| <u>Miles:</u>                     | Statute miles of 5,280 ft.   |
| <u>Passenger:</u>                 | A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger. A round trip passenger is counted as two passengers.   |
| <u>Passenger Load-Factor:</u>     | - See Load Factor, Passenger.  |
| <u>Passenger-Mile:</u>            | The transportation of one passenger one mile.  |
| <u>Non-Revenue Passenger:</u>     | A child or adult carried on a revenue transportation flight for whom no fare is collected, including company personnel.  |
| <u>Revenue Passenger:</u>         | A child or adult for which a fare or part of a fare is paid.   |
| <u>Seat-Miles Available:</u>      | Seats available for the transportation of passengers multiplied by the miles flown on each inter-station flight.   |
| <u>Specialty Flying Services:</u> | Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising.   |
| <u>Tons:</u>                      | Short tons of 2,000 lbs.   |
| <u>Ton-Mile:</u>                  | The transportation of one ton of goods one mile.   |
| <u>Ton-Miles Available:</u>       | Available load capacity multiplied by miles flown on each inter-station flight.  |
| <u>Unit Toll Transportation:</u>  | Public transportation of passengers and goods at a toll per unit. It includes: <ul style="list-style-type: none"><li>(i) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class I); and</li><li>(ii) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3).</li></ul> |
| <u>Weight Load Factor:</u>        | Ratio of revenue ton-miles performed to available ton-miles.   |





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## CIVIL AVIATION

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## SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

.. Figures are not available.

... Figures not appropriate or not applicable.

- Nil or zero.

## INTRODUCTION

"Civil Aviation" reports are prepared from monthly and quarterly schedules filed with the Air Transport Board and the Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly returns filed with the Dominion Bureau of Statistics by foreign air carriers operating in Canada.

For reporting purposes, Canadian air carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. These groups are described on page twenty of this publication along with other definitions. It should be noted that the definition of each of the five groups has been revised as of 1st January, 1964. This revision resulted in four former group III carriers being transferred to Group IV and 24 former Group IV carriers being transferred to Group V. It should also be noted that Nordair Ltd., classified as a Group II carrier by the Air Transport Board, is included with Group III carriers for statistical purposes. Group V comprises small air carriers required to file returns on a quarterly basis only. Data on their operations are excluded from the other carrier statistics appearing throughout the report.

Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. A complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

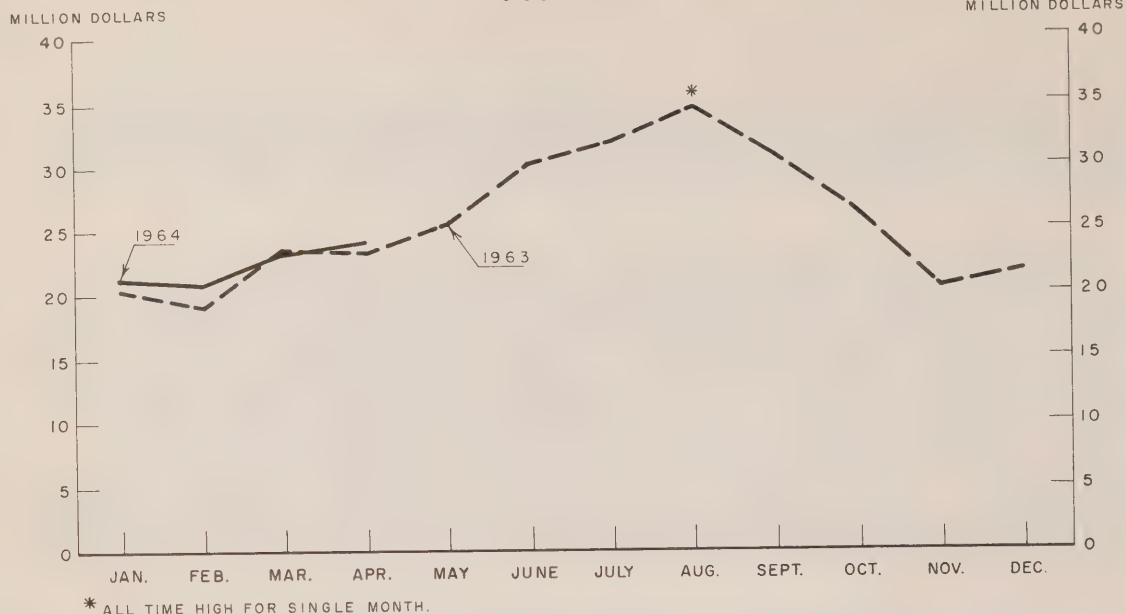
Domestic and international operations of Canadian carriers are combined in all tables except Table 6 which provides a breakdown of domestic and international operations for Canadian carriers operating international unit toll and bulk services.

Commencing with the January, 1964 issue, bulk transport passenger-miles and goods-ton-miles have been added to the statistical data of this report. However, because of survey limitations, this data refers only to aircraft which has a minimum authorized take-off weight on wheels in excess of 18,000 pounds. Operating data covering bulk international flights have also been added to Table 6. It should be noted, however, that the number of carriers reporting international bulk services may vary from month to month.

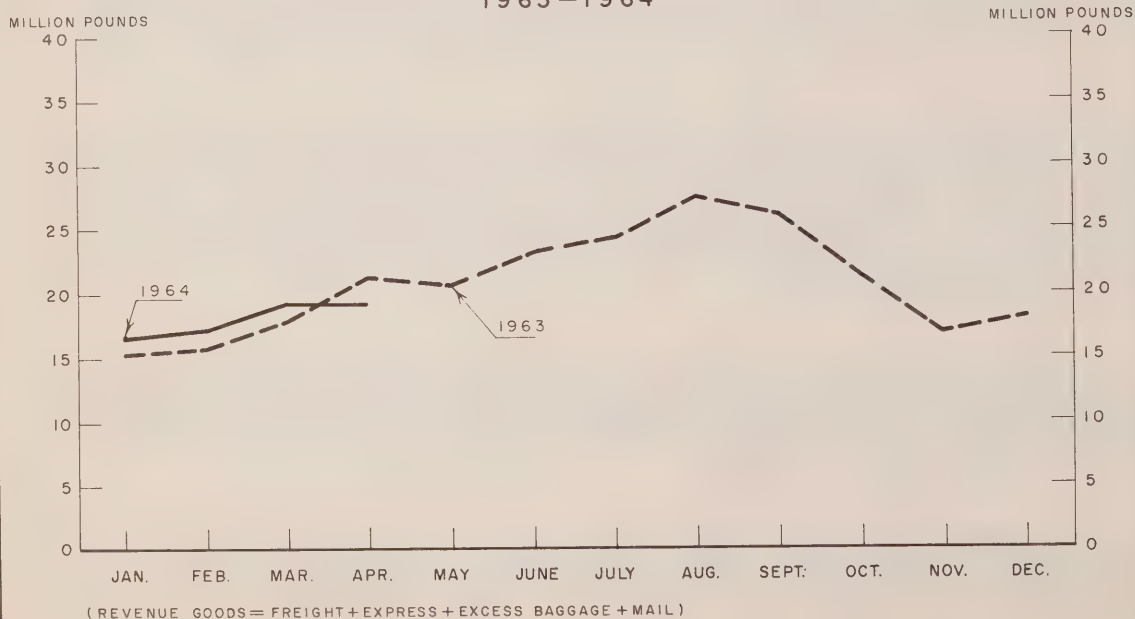
Table 7 provides data on traffic leaving and entering Canada on an area of service basis. Passengers, cargo and mail in transit through Canada are excluded. The table contains the operations of both Canadian and Foreign carriers with separate totals for each.

Also commencing with the January, 1964 issue of "Civil Aviation", data on helicopters have been expanded to include more detail. A split has been made between the use of fixed wing aircraft and helicopters for specialty flying.

# OPERATING REVENUE OF CANADIAN AIR CARRIERS 1963-1964



# REVENUE GOODS CARRIED BY CANADIAN AIR CARRIERS 1963-1964





## REVIEW OF APRIL OPERATIONS

During the month of April 1964, Canadian air carriers transported more revenue passengers, but less revenue goods than in the same month of the previous year. Although passengers carried totalled 429,145, an increase of 2.5 per cent, goods transported declined to 9,652.6 tons, a decrease of 9.2 per cent. The revenue miles flown were down 5.7 per cent to 7,419,411. Passenger-miles and goods-ton-miles performed by Canadian carriers in unit toll and bulk services totalled 313,573,770 and 8,024,893 respectively. Unit toll services accounted for 94.5 per cent of the total passenger-miles and 83.4 per cent of the total goods-ton-miles.

April operating revenues showed a 4.2 per cent increase over April 1963 to \$24,215,645 while operating expenses rose 5.6 per cent to 24,265,799, thus an operating loss of \$50,154 was reported. This compared with an income of \$245,634 for the same month the previous year. A net deficit after provision for income taxes of \$788,265 was reported as against a deficit of \$589,783 in April 1963.

Revenue hours reported flown by 13 carriers who operated 136 helicopters exclusively amounted to 2,882. Hours reported flown by 14 helicopters operated by 7 fixed wing carriers totalled 324. Operating revenues reported by helicopter carriers amounted to \$316,556 while the operating expenses amounted to \$356,516.

In April the six scheduled carriers transported 389,866 revenue passengers 90.8 per cent of all passengers carried by Canadian carriers. They also carried 7171.6 tons of revenue goods, 74.3 per cent of the total. Operating revenues amounted to \$22,200,075 or 91.7 per cent of all Canadian air carrier revenues. Operating expenses amounted to \$22,246,447 or 91.7 per cent of the total. Comparable figures for April 1963 are: passengers 89.8 per cent, goods 63.5 per cent, revenues 90.3 per cent and expenses 89.2 per cent.

Revenue passenger-miles performed by Canadian Carriers in international unit toll service in April amounted to 136,015,076 or 47.6 per cent of the total unit toll passenger-miles. The division of international services by air was as follows:

| <u>Area</u>                    | <u>Percentage</u> |
|--------------------------------|-------------------|
| Trans-Border .....             | 21.6              |
| Trans-Atlantic and Polar ..... | 30.4              |
| Southern .....                 | 35.5              |
| Pacific and Orient .....       | 12.5              |
| Total .....                    | <u>100.0</u>      |

### The Cumulative View:

The first four months of 1964 compared with the same period in 1963 showed the revenue passengers increased 2.2 per cent to 1,519,023, while revenue goods rose 16.6 per cent to 24,665.3 tons. Passenger-miles and goods-ton-miles performed by Canadian carriers totalled 1,160,269,631 and 29,271,208 respectively. Operating revenues rose 3.5 per cent to \$89,477,787 while operating expenses were up 6.2 per cent to \$89,877,807.

### Foreign Carriers:

Foreign carriers licensed to operate in Canada transported 76,253 revenue passengers during April, an increase 23.9 per cent over April 1963. Revenue goods carried totalled 1,258.6 tons, an increase of 30.7 per cent. Foreign carriers report hours and miles flown over Canadian territory only. Statistics of passengers and goods in transit have been excluded.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

April 1964

|                                      | Canadian carriers  |               |                        |           |  | Foreign carriers (2)    |                        |                            | Grand total all carriers | Year to date   |
|--------------------------------------|--------------------|---------------|------------------------|-----------|--|-------------------------|------------------------|----------------------------|--------------------------|----------------|
|                                      | Scheduled carriers |               | Non-scheduled carriers |           |  | Total Canadian carriers | United States carriers | Other Foreign carriers (3) |                          |                |
|                                      | Group I and II (1) | Group III (1) | Group IV               | Total     |  |                         |                        |                            |                          |                |
| Number of carriers reporting ...     | 6                  | 15            | 47                     | 62        |  | 68                      | 10                     | 9                          | 87                       | ..             |
| Revenue transportation services:     |                    |               |                        |           |  |                         |                        |                            |                          |                |
| Unit toll:                           |                    |               |                        |           |  |                         |                        |                            |                          |                |
| Departures .....                     | 16,857             | 2,116         | 621                    | 2,737     |  | 19,594                  | ..                     | ..                         | ..                       | 95,066         |
| Hours flown .....                    | 20,932             | 2,267         | 302                    | 2,569     |  | 23,501                  | 324                    | 951                        | 24,776                   |                |
| Miles scheduled .....                | 5,279,287          | ...           | ...                    | ...       |  | 5,279,287               | 80,406                 | 364,401                    | 5,724,094                | 22,773,999     |
| Miles flown:                         |                    |               |                        |           |  |                         |                        |                            |                          |                |
| Scheduled .....                      | 5,331,190          | ...           | ...                    | ...       |  | 5,331,190               | 78,660                 | 383,902                    | 5,793,752                | 22,795,543 (4) |
| Non-scheduled .....                  | 295,721            | 287,407       | 36,702                 | 324,109   |  | 619,830                 | -                      | -                          | 619,830                  | 2,156,950 (4)  |
| Totals .....                         | 5,626,911          | 287,407       | 36,702                 | 324,109   |  | 5,951,020               | 78,660                 | 383,902                    | 6,413,582                | 24,952,493     |
| Passengers carried .....             | 389,866            | 8,601         | 1,938                  | 10,539    |  | 400,405                 | 51,000                 | 23,389                     | 474,794                  | 1,787,022      |
| Goods carried:                       |                    |               |                        |           |  |                         |                        |                            |                          |                |
| Cargo .....                          | 8,369,501          | 511,594       | 153,894                | 665,488   |  | 9,034,989               | 724,721                | 1,463,861                  | 11,330,130               | 42,301,702     |
| Excess baggage .....                 | 98,007             | 3,283         | 5,269                  | 8,552     |  | 106,559                 | 146,411                | 182,268                    | 4,310,843                | 16,704,480     |
| Mail .....                           | 3,848,471          | 120,824       | 12,869                 | 133,693   |  | 3,982,164               | 871,132                | 1,646,129                  | 15,640,973               | 59,006,182     |
| Totals .....                         | 12,315,979         | 635,701       | 172,032                | 807,733   |  | 13,123,712              |                        |                            |                          |                |
| Passenger-miles .....                | 294,848,089        | 1,538,291     | 95,097                 | 1,632,388 |  | 296,480,477             | 2,204,073              | 18,900,016                 | 317,584,566              | 1,161,962,916  |
| Goods ton-miles:                     |                    |               |                        |           |  |                         |                        |                            |                          |                |
| Cargo .....                          | 4,637,593          | 160,072       | 131,838                | 291,910   |  | 4,929,503               | 16,761                 | 557,209                    | 5,710,690                | 21,454,848     |
| Excess baggage .....                 | 205,623            | 1,545         | 149                    | 1,594     |  | 207,217                 |                        |                            |                          |                |
| Mail .....                           | 1,524,117          | 32,188        | 769                    | 32,957    |  | 1,557,074               | 3,317                  | 77,716                     | 1,638,107                | 6,410,040      |
| Totals .....                         | 6,367,333          | 193,805       | 132,756                | 326,561   |  | 6,693,894               | 20,078                 | 634,925                    | 7,348,897                | 27,864,988     |
| Bulk:                                |                    |               |                        |           |  |                         |                        |                            |                          |                |
| Departures .....                     | 2,142              | 3,406         | 8,870                  | 12,276    |  | 14,418                  | ..                     | ..                         | ..                       | ..             |
| Hours flown .....                    | 2,823              | 5,189         | 5,711                  | 10,900    |  | 13,723                  | 2                      | 56                         | 13,781                   | 47,292         |
| Miles flown .....                    | 478,998            | 402,533       | 586,860                | 989,393   |  | 1,468,391               | 351                    | 18,955                     | 1,487,697                | 5,415,542      |
| Passengers carried .....             | 10,114             | 6,655         | 11,951                 | 18,606    |  | 28,720                  | 448                    | 1,416                      | 30,584                   | 106,338        |
| Freight carried .....                | 2,025,212          | 2,476,396     | 1,679,835              | 4,156,231 |  | 6,181,443               | -                      | -                          | 6,181,443                | 23,164,811     |
| Passenger-miles (6) .....            | 16,370,127         | 603,348       | 119,818                | 723,166   |  | 17,093,293              | ..                     | ..                         | ..                       | ..             |
| Goods ton-miles (6) .....            | 527,298            | 637,666       | 166,035                | 803,701   |  | 1,330,999               | -                      | -                          | 1,330,999                | ..             |
| Revenue non-transportation services: |                    |               |                        |           |  |                         |                        |                            |                          |                |
| Specialty flying - Hours flown "     | 240                | 814           | 5,384                  | 6,198     |  | 6,438                   | -                      | -                          | 6,438                    | 20,614         |

See footnotes at end of table.

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

April 1964

|                                    | Canadian carriers                        |                        |           |           |                         | Foreign carriers(2)    |                           |  | Grand total all carriers | Year to date |  |
|------------------------------------|--|------------------------|-----------|-----------|-------------------------|------------------------|---------------------------|--|--------------------------|--------------|--|
|                                    | Scheduled carriers<br>Groups I and II(1) | Non-scheduled carriers |           |           | Total Canadian carriers | United States carriers | Other Foreign carriers(3) |  |                          |              |  |
|                                    |  | Group III(1)           | Group IV  | Total     |                         |                        |                           |  |                          |              |  |
| Total - All services:              |  |                        |           |           |                         |                        |                           |  |                          |              |  |
| Revenue:                           |  |                        |           |           |                         |                        |                           |  |                          |              |  |
| Traffic, miles and hours:(7)       |  |                        |           |           |                         |                        |                           |  |                          |              |  |
| Departures .....                   | 18,999                                   | 5,322                  | 9,491     | 15,013    | 34,012                  |                        |                           |  |                          |              |  |
| Hours flown .....                  | 23,995                                   | 8,270                  | 11,397    | 19,667    | 43,662                  |                        |                           |  |                          |              |  |
| Miles flown .....                  | 6,105,909                                | 689,940                | 623,562   | 1,313,502 | 7,419,411               |                        |                           |  |                          |              |  |
| Passengers carried .....           | 399,980                                  | 15,256                 | 13,889    | 29,145    | 429,125                 |                        |                           |  |                          |              |  |
| Cargo carried .....                | 10,394,713                               | 2,987,990              | 1,833,729 | 4,821,719 | 15,216,432              |                        |                           |  |                          |              |  |
| Goods carried .....                | 14,341,191                               | 3,112,097              | 1,851,867 | 4,963,964 | 19,305,155              |                        |                           |  |                          |              |  |
| Passenger-miles(6) .....           | 311,218,216                              | 2,141,639              | 214,915   | 2,356,554 | 313,573,770             |                        |                           |  |                          |              |  |
| Goods ton-miles(6) .....           | 6,894,631                                | 831,471                | 298,791   | 1,130,262 | 8,024,893               |                        |                           |  |                          |              |  |
| Non-revenue:                       |  |                        |           |           |                         |                        |                           |  |                          |              |  |
| Hours flown .....                  | 894                                      | 516                    | 340       | 856       | 1,750                   |                        |                           |  |                          |              |  |
| Passengers carried .....           |  | 102                    | 23        | 125       |                         |                        |                           |  |                          |              |  |
| Goods carried .....                |  | 29,068                 | -         | 29,068    |                         |                        |                           |  |                          |              |  |
| Passenger-miles .....              | 14,987,769                               | 102,918                | 415       | 103,333   | 15,091,102              |                        |                           |  |                          |              |  |
| Goods ton-miles .....              | 703,007                                  | 38,526                 | -         | 38,526    | 741,533                 |                        |                           |  |                          |              |  |
| Fuel and oil consumed:             |  |                        |           |           |                         |                        |                           |  |                          |              |  |
| Turbo fuel - Quantity .....        | 14,716,687                               | -                      | 12,191    | 12,191    | 14,728,878              |                        |                           |  |                          |              |  |
| Cost .....                         | 2,101,187                                |                        | 3,604     | 3,604     | 2,104,791               |                        |                           |  |                          |              |  |
| Gasoline - Quantity .....          | 961,608                                  | 355,472                | 176,129   | 531,601   | 1,493,209               |                        |                           |  |                          |              |  |
| Cost .....                         | 332,386                                  | 144,918                | 78,091    | 223,009   | 555,395                 |                        |                           |  |                          |              |  |
| Turbo oil - Quantity .....         | 3,518                                    | -                      | 3         | 3         | 3,521                   |                        |                           |  |                          |              |  |
| Cost .....                         | 33,688                                   | -                      | 45        | 45        | 33,733                  |                        |                           |  |                          |              |  |
| Other oil - Quantity .....         | 11,479                                   | 4,692                  | 3,205     | 7,897     | 19,376                  |                        |                           |  |                          |              |  |
| Cost .....                         | 13,104                                   | 7,667                  | 4,057     | 11,724    | 24,828                  |                        |                           |  |                          |              |  |
| Average number of employees:       |  |                        |           |           |                         |                        |                           |  |                          |              |  |
| Pilots and co-pilots .....         | 1,019                                    | 265                    | 222       | 487       | 1,506                   |                        |                           |  |                          |              |  |
| Other flight personnel .....       | 1,067                                    | 11                     | 19        | 30        | 1,097                   |                        |                           |  |                          |              |  |
| General management .....           | 340                                      | 79                     | 70        | 149       | 489                     |                        |                           |  |                          |              |  |
| Maintenance labour .....           | 3,620                                    | 327                    | 228       | 555       | 4,175                   |                        |                           |  |                          |              |  |
| Aircraft & traffic servicing ..... | 4,964                                    | 105                    | 52        | 157       | 5,121                   |                        |                           |  |                          |              |  |
| Other personnel .....              | 4,533                                    | 179                    | 84        | 263       | 4,796                   |                        |                           |  |                          |              |  |
| Totals .....                       | 15,543                                   | 966                    | 675       | 1,641     | 17,184                  |                        |                           |  |                          |              |  |
| Salaries and wages paid:           |  |                        |           |           |                         |                        |                           |  |                          |              |  |
| Pilots and co-pilots .....         | 1,190,441                                | 188,705                | 133,045   | 321,750   | 1,512,191               |                        |                           |  |                          |              |  |
| Other flight personnel .....       | 467,109                                  | 7,899                  | 5,571     | 13,470    | 480,579                 |                        |                           |  |                          |              |  |
| General management .....           | 287,501                                  | 64,247                 | 39,806    | 104,053   | 391,554                 |                        |                           |  |                          |              |  |
| Maintenance labour .....           | 1,837,138                                | 140,331                | 88,497    | 228,828   | 2,065,966               |                        |                           |  |                          |              |  |
| Aircraft & traffic servicing ..... | 2,271,743                                | 38,136                 | 16,349    | 54,485    | 2,326,228               |                        |                           |  |                          |              |  |
| Other personnel .....              | 2,247,590                                | 58,804                 | 27,129    | 85,933    | 2,333,523               |                        |                           |  |                          |              |  |
| Totals .....                       | 8,301,522                                | 498,122                | 310,397   | 808,519   | 9,110,041               |                        |                           |  |                          |              |  |
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(1) Group II non-scheduled carriers included with Group III for purposes of this report.

(2) See "Foreign Carriers", page 7, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Trans-Canada Air Lines.

(6) Excludes chartered aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(7) These data exclude non-transportation services, except for hours flown.

(8) Includes excess baggage.

(9) Data in Tables 4, 5, 6, 7, 8 and 9 included in this table.

38,668,048

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TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group

April 1964

|                                       | Scheduled carriers |             |             | Non-scheduled carriers |            |            | Grand total | Year to date  |
|---------------------------------------|--------------------|-------------|-------------|------------------------|------------|------------|-------------|---------------|
|                                       | Group I            | Group II(1) | Total       | Group III(1)           | Group IV   | Total      |             |               |
|                                       | dollars            |             |             |                        |            |            |             |               |
| Operating revenues:                   |                    |             |             |                        |            |            |             |               |
| Unit toll transportation:             |                    |             |             |                        |            |            |             |               |
| Passengers .....                      | 17,070,755         | 806,943     | 17,877,698  | 211,925                | 18,987     | 230,912    | 18,108,610  | 67,558,850    |
| Express .....                         | 320,434            | 14,428      | 334,862     | 8,876                  | -          | 8,876      | 343,738     | 1,306,688     |
| Freight .....                         | 1,114,786          | 193,189     | 1,307,975   | 87,152                 | 12,607     | 99,759     | 1,407,734   | 5,206,076     |
| Excess baggage .....                  | 1,100,493          | 116,173     | 1,216,666   | 4,447                  | 277        | 4,724      | 1,220,897   | 491,250       |
| Mail .....                            | 1,206,082          | 161,866     | 1,367,948   | 49,617                 | 2,874      | 52,491     | 1,420,439   | 5,359,888     |
| Total unit toll transportation ..     | 19,812,570         | 1,192,106   | 21,004,676  | 362,017                | 34,745     | 396,762    | 21,401,438  | 80,122,752    |
| Bulk transportation .....             | 433,714            | 541,021     | 974,735     | 668,370                | 462,787    | 1,131,157  | 2,105,892   | 6,930,549     |
| Total transportation .....            | 20,246,284         | 1,733,127   | 21,979,411  | 1,030,387              | 497,532    | 1,527,919  | 23,507,330  | 87,053,301    |
| Other flying services .....           | 4,046              | 21,915      | 25,961      | 128,505                | 194,404    | 322,909    | 348,870     | 1,111,201     |
| Total flying services .....           | 20,250,330         | 1,755,042   | 22,005,372  | 1,158,892              | 691,936    | 1,850,828  | 23,856,200  | 88,164,502    |
| Non-flying services .....             | 172,495            | 22,208      | 194,703     | 6,079                  | 158,663    | 164,742    | 359,465     | 1,313,285     |
| Total operating revenues .....        | 20,422,825         | 1,777,250   | 22,200,075  | 1,164,971              | 850,599    | 2,015,570  | 24,215,645  | 89,477,787    |
| Operating expenses:                   |                    |             |             |                        |            |            |             |               |
| Flying operations .....               | 4,890,299          | 600,300     | 5,490,599   | 425,245                | 294,831    | 720,076    | 6,210,675   | 18,379,915    |
| Maintenance .....                     | 4,359,914          | 504,585     | 4,864,499   | 378,543                | 240,520    | 619,063    | 5,483,562   | 16,372,833    |
| General services and administration:  |                    |             |             |                        |            |            |             |               |
| Passenger service .....               | 1,619,716          | 71,770      | 1,691,486   | ..                     | ..         | ..         | ..          | ..            |
| Aircraft and traffic servicing .....  | 2,960,168          | 264,621     | 3,224,789   | ..                     | ..         | ..         | ..          | ..            |
| Promotion and sales .....             | 3,380,594          | 118,873     | 3,499,467   | ..                     | ..         | ..         | ..          | ..            |
| General administration .....          | 881,952            | 109,011     | 990,963     | ..                     | ..         | ..         | ..          | ..            |
| Totals .....                          | 8,842,430          | 564,275     | 9,406,705   | 304,688                | 142,657    | 447,345    | 9,854,050   | 38,365,644    |
| Depreciation and amortization .....   | 2,357,276          | 127,368     | 2,484,644   | 132,654                | 100,214    | 232,868    | 2,717,512   | 10,611,980    |
| Total operating expenses .....        | 20,449,919         | 1,796,528   | 22,246,447  | 1,241,130              | 778,222    | 2,019,352  | 24,265,799  | 95,424,609    |
| Operating income (loss) .....         | Dr. 27,094         | Dr. 19,278  | Dr. 46,372  | Dr. 76,159             | Dr. 72,377 | Dr. 3,782  | Dr. 50,154  | Dr. 5,946,822 |
| Non-operating income - Net:           |                    |             |             |                        |            |            |             |               |
| Capital gains and losses .....        | 172,557            | 30,627      | 203,184     | Dr. 18,616             | 19,444     | 828        | 204,012     | 332,257       |
| Interest and discounts .....          | 128,116            | 10          | 128,126     | 1,701                  | 1,700      | 3,401      | 131,527     | 572,234       |
| Miscellaneous non-operating income .. | Dr. 215            | Dr. 1,560   | Dr. 1,775   | 5,773                  | 1,482      | 7,255      | 5,480       | 67,554        |
| Income before interest expense .....  | 273,364            | 9,799       | 283,163     | Dr. 87,301             | 95,003     | 7,702      | 230,865     | Dr. 4,974,777 |
| Interest expense .....                | 947,176            | 64,020      | 1,011,196   | 33,183                 | 19,423     | 52,606     | 1,063,802   | 4,188,549     |
| Income before income taxes .....      | Dr. 673,812        | Dr. 54,221  | Dr. 728,033 | Dr. 120,484            | Dr. 75,580 | Dr. 44,904 | Dr. 772,937 | Dr. 9,163,326 |
| Provision for income taxes .....      | -                  | -           | -           | 8,017                  | 7,311      | 15,328     | 15,328      | 36,649        |
| Net income after income taxes .....   | Dr. 673,812        | Dr. 54,221  | Dr. 728,033 | Dr. 128,501            | Dr. 68,269 | Dr. 60,232 | Dr. 788,265 | Dr. 9,199,975 |

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

(2) Data in Tables 3, 8 and 10 included in this table.



April 1964

|                                       | Canadian<br>Pacific<br>Air Lines | Eastern<br>Provincial<br>Airways<br>(1963) | Pacific<br>Western<br>Airlines | Quebecair<br>Inc. | Transair<br>Ltd. | Trans-<br>Canada<br>Air Lines | Total      | Year<br>to<br>date |
|---------------------------------------|----------------------------------|--|--------------------------------|-------------------|------------------|-------------------------------|------------|--------------------|
| <b>Operating revenues:</b>            |                                  |  |                                |                   |                  |                               |            |                    |
| Unit toll transportation:             |                                  |  |                                |                   |                  |                               |            |                    |
| Passengers .....                      | 3,761,445                        | 150,123                                    | 272,458                        | 243,712           | 140,650          | 13,309,310                    | 17,877,698 | 66,833,419         |
| Express .....                         | 15,142                           | 2,006                                      | 9,384                          | -                 | 3,038            | 305,312                       | 334,882    | 1,263,539          |
| Freight .....                         | 295,235                          | 75,266                                     | 56,985                         | 33,682            | 27,256           | 819,551                       | 1,307,975  | 4,895,714          |
| Excess baggage .....                  | 24,393                           | 3,296                                      | 5,142                          | 5,819             | 1,423            | 76,100                        | 116,173    | 478,329            |
| Mail .....                            | 249,663                          | 84,757                                     | 44,507                         | 6,373             | 26,229           | 956,419                       | 1,367,948  | 5,319,413          |
| Total unit toll transportation ..     | 4,345,878                        | 315,448                                    | 388,476                        | 289,586           | 198,596          | 15,466,692                    | 21,004,676 | 78,790,414         |
| Bulk transportation .....             | 152,094                          | 164,778                                    | 226,946                        | 2,159             | 147,138          | 281,620                       | 974,735    | 3,080,694          |
| Total transportation .....            | 4,497,972                        | 480,226                                    | 615,422                        | 291,745           | 345,734          | 15,748,312                    | 21,979,411 | 81,871,108         |
| Other flying services .....           | -                                | 21,915                                     | -                              | -                 | -                | 4,046                         | 25,961     | 96,525             |
| Total flying services .....           | 4,497,972                        | 502,141                                    | 615,422                        | 291,745           | 345,734          | 15,752,358                    | 22,005,372 | 81,967,633         |
| Non-flying services .....             | 70,545                           | 13,137                                     | 4,598                          | 1,843             | 2,630            | 101,950                       | 194,703    | 82,778,436         |
| Total operating revenues .....        | 4,568,517                        | 515,278                                    | 620,020                        | 293,588           | 348,364          | 15,854,308                    | 22,200,075 | 82,778,436         |
| <b>Operating expenses:</b>            |                                  |  |                                |                   |                  |                               |            |                    |
| Flying operations .....               | 1,554,625                        | 136,283                                    | 256,288                        | 70,976            | 136,753          | 3,335,674                     | 5,490,599  | 21,786,112         |
| Maintenance .....                     | 659,243                          | 165,684                                    | 123,441                        | 85,530            | 129,930          | 3,700,671                     | 4,864,499  | 19,562,609         |
| General services and administrations: |                                  |  |                                |                   |                  |                               |            |                    |
| Passenger service .....               | 381,986                          | 30,017                                     | 16,890                         | 8,927             | 15,936           | 1,237,730                     | 1,691,486  | 6,252,457          |
| Aircraft and traffic servicing .....  | 544,698                          | 94,008                                     | 127,213                        | 26,580            | 16,820           | 2,415,470                     | 3,224,789  | 13,135,930         |
| Promotion and sales .....             | 893,341                          | 9,583                                      | 23,926                         | 50,978            | 34,386           | 2,487,253                     | 3,499,467  | 13,489,876         |
| General administration .....          | 169,795                          | 25,877                                     | 39,470                         | 25,789            | 17,875           | 712,157                       | 900,963    | 3,951,705          |
| Totals .....                          | 1,989,820                        | 159,485                                    | 207,499                        | 112,274           | 85,017           | 6,852,610                     | 9,406,705  | 36,825,968         |
| Depreciation and amortization .....   | 182,289                          | 47,497                                     | 27,205                         | 32,485            | 20,181           | 2,174,987                     | 2,484,644  | 9,808,169          |
| Total operating expenses .....        | 4,385,977                        | 508,949                                    | 614,433                        | 301,265           | 371,881          | 16,063,942                    | 22,246,447 | 87,986,858         |
| Operating income (loss) .....         | 182,540                          | 6,329                                      | 5,587                          | 7,677             | 23,517           | 209,634                       | 46,372     | 5,208,422          |
| Non-operating income - Net:           |                                  |  |                                |                   |                  |                               |            |                    |
| Capital gains and losses .....        | 172,557                          | -  | 30,627                         | -                 | -                | -                             | 203,184    | 224,767            |
| Interest and discounts .....          | 54,993                           | -  | -                              | -                 | 10               | 73,123                        | 128,126    | 558,040            |
| Miscellaneous non-operating income .. | Dr.                              | 662  | 913                            | 235               | 412              | 447                           | 1,775      | 30,888             |
| Income before interest expense .....  | 409,428                          | 6,329                                      | 35,301                         | 7,912             | 23,919           | 136,064                       | 283,163    | 4,394,727          |
| Interest expense .....                | -                                | 31,127                                     | 11,414                         | 13,963            | 7,516            | 947,176                       | 1,011,196  | 4,026,584          |
| Income before income taxes .....      | 409,428                          | Dr.  | 23,887                         | 21,875            | 31,435           | 1,083,240                     | 728,033    | 8,421,311          |
| Provision for income taxes .....      | -                                | -  | -                              | -                 | -                | -                             | -          | -                  |
| Net income after income taxes .....   | 409,428                          | Dr.  | 23,887                         | 21,875            | 31,435           | 1,083,240                     | 728,033    | 8,421,311          |



TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company  
April 1964

|   | Group I carriers           |                        |             | Group II carriers                 |                             |                    |                   |            | Grand total |
|---|----------------------------|------------------------|-------------|-----------------------------------|-----------------------------|--------------------|-------------------|------------|-------------|
|   | Canadian Pacific Air Lines | Trans-Canada Air Lines | Total       | Eastern Provincial Airways (1963) | Pacific Western Airlines(1) | Quebecair Inc. (1) | Transair Ltd. (1) | Total (1)  |             |
| Revenue transportation services:                      |                            |                        |             |                                   |                             |                    |                   |            |             |
| Unit toll:  |                            |                        |             |                                   |                             |                    |                   |            |             |
| Departures .....                                      | 1,797                      | 10,480                 | 12,277      | 1,252                             | 1,276                       | 1,024              | 1,028             | 4,580      | 16,857      |
| Hours flown .....                                     | 3,247                      | 13,409                 | 16,656      | 1,207                             | 1,312                       | 741                | 1,016             | 4,276      | 20,932      |
| Miles scheduled .....                                 | 1,127,857                  | 3,775,903              | 4,903,760   | 50,026                            | 168,349                     | 78,716             | 78,436            | 375,527    | 5,279,287   |
| Miles flown:  |                            |                        |             |                                   |                             |                    |                   |            |             |
| Scheduled - Regular .....                             | 1,100,377                  | 3,679,681              | 4,780,058   | 49,588                            | 164,589                     | 76,280             | 76,936            | 367,393    | 5,147,451   |
| Extra section .....                                   | 8,937                      | 162,232                | 171,169     | 965                               | 5,571                       | 856                | 5,178             | 12,570     | 183,739     |
| Non-scheduled .....                                   | 47,570                     | -                      | 47,570      | 110,997                           | 24,865                      | 53,490             | 58,799            | 248,151    | 295,721     |
| Totals .....  | 1,156,884                  | 3,841,913              | 4,998,797   | 161,550                           | 195,025                     | 130,626            | 140,913           | 628,114    | 5,626,911   |
| Ratio of regular miles flown to miles scheduled ..... | 97.6                       | 97.5                   | 97.5        | 99.1                              | 97.8                        | 96.9               | 98.1              | 97.8       | 97.5        |
| Passengers carried .....                              | 38,319                     | 318,519                | 356,838     | 6,860                             | 13,304                      | 7,979              | 4,885             | 33,028     | 389,866     |
| Goods carried:  |                            |                        |             |                                   |                             |                    |                   |            |             |
| Freight .....   | 587,326                    | 5,179,683              | 5,767,009   | 816,384                           | 487,102                     | 163,279            | 157,976           | 1,624,741  | 7,391,750   |
| Express .....   | 64,696                     | 861,003                | 925,699     | 12,671                            | 27,591                      | -                  | 11,790            | 52,052     | 977,751     |
| Excess baggage .....                                  | 28,685                     | -                      | 28,685(2)   | 16,779                            | 17,595                      | 27,572             | 7,372             | 98,007     | 98,007      |
| Mail .....  | 224,090                    | 3,100,514              | 3,324,604   | 234,233                           | 162,356                     | 33,640             | 93,638            | 523,867    | 3,848,471   |
| Totals .....  | 904,797                    | 9,141,200              | 10,045,997  | 1,080,067                         | 694,644                     | 224,495            | 270,776           | 2,269,982  | 12,315,979  |
| Passenger-miles:                                      |                            |                        |             |                                   |                             |                    |                   |            |             |
| Scheduled .....                                       | 65,160,798                 | 219,646,388            | 284,807,186 | 401,218                           | 3,021,125                   | 1,496,002          | 1,324,838         | 6,243,183  | 291,050,369 |
| Non-scheduled .....                                   | 1,109,127                  | -                      | 1,109,127   | 1,187,193                         | 78,690                      | 1,161,672          | 261,038           | 2,688,593  | 3,797,720   |
| Totals .....  | 66,269,925                 | 219,646,388            | 285,916,313 | 1,588,411                         | 3,099,815                   | 2,657,674          | 1,585,876         | 8,931,776  | 294,848,089 |
| Available seat-miles on scheduled services .....      | 135,465,942                | 355,417,042            | 490,882,984 | 1,426,356                         | 6,517,131                   | 2,672,912          | 3,385,893         | 14,002,292 | 504,885,276 |
| Passenger load factor on scheduled services .....     | 48.1                       | 61.8                   | 58.0        | 28.1                              | 46.4                        | 60.0               | 39.1              | 44.6       | 57.8        |
| Goods ton-miles:                                      |                            |                        |             |                                   |                             |                    |                   |            |             |
| Freight - Scheduled .....                             | 827,905                    | 3,099,038              | 3,926,943   | 135,697                           | 119,711                     | 2,554              | 9,949             | 267,911    | 4,194,854   |
| Non-scheduled .....                                   | 2,033                      | -                      | 2,033       | 23,509                            | 2,226                       | 1,982              | 18,975            | 46,692     | 48,725      |
| Totals .....  | 829,938                    | 3,099,038              | 3,928,976   | 159,206                           | 121,937                     | 4,536              | 28,924            | 314,603    | 4,243,579   |
| Express - Scheduled .....                             | 16,849                     | 331,853                | 348,702     | 758                               | 7,140                       | 20,984             | 2,502             | 31,384     | 380,086     |
| Non-scheduled .....                                   | 791                        | -                      | 791         | 1,282                             | -                           | 11,374             | 481               | 13,137     | 13,928      |
| Totals .....  | 17,640                     | 331,853                | 349,493     | 2,040                             | 7,140                       | 32,358             | 2,983             | 44,521     | 394,014     |

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Continued

April 1964

|  | Group I carriers           |                        |             | Group II carriers                 |                              |                    |                   |            | Grand total |
|--|----------------------------|------------------------|-------------|-----------------------------------|------------------------------|--------------------|-------------------|------------|-------------|
|  | Canadian Pacific Air Lines | Trans-Canada Air Lines | Total       | Eastern Provincial Airways (1963) | Pacific Western Airlines (1) | Quebecair Inc. (1) | Transair Ltd. (1) | Total (1)  |             |
| Revenue transportation services - Concluded:       |                            |                        |             |                                   |                              |                    |                   |            |             |
| Unit toll - Concluded:                             |                            |                        |             |                                   |                              |                    |                   |            |             |
| Goods ton-miles - Concluded:                       |                            |                        |             |                                   |                              |                    |                   |            |             |
| Excess baggage - Scheduled .....                   | 35,670                     | 156,414                | 192,084     | 536                               | 2,535                        | 2,693              | 990               | 6,754      | 198,838     |
| Non-scheduled ..                                   | 50                         | -                      | 50          | 2,909                             | 32                           | 3,354              | 440               | 6,735      | 6,785       |
| Totals .....                                       | 35,720                     | 156,414                | 192,134     | 3,445                             | 2,567                        | 6,047              | 1,430             | 13,489     | 205,623     |
| Mail - Scheduled .....                             | 222,134                    | 1,222,853              | 1,444,987   | 9,797                             | 38,908                       | -                  | 5,069             | 53,774     | 1,498,761   |
| Non-scheduled ..                                   | 4,128                      | -                      | 4,128       | 13,701                            | 291                          | -                  | 7,236             | 21,228     | 25,356      |
| Totals .....                                       | 226,262                    | 1,222,853              | 1,449,115   | 23,498                            | 39,199                       | -                  | 12,305            | 75,002     | 1,524,117   |
| Total - Scheduled .....                            | 1,102,558                  | 4,810,158              | 5,912,716   | 146,788                           | 168,294                      | 26,231             | 18,510            | 359,823    | 6,272,539   |
| Non-scheduled .....                                | 7,002                      | 7,002                  | 7,002       | 41,401                            | 2,549                        | 16,710             | 27,132            | 87,792     | 94,794      |
| Totals .....                                       | 1,109,560                  | 4,810,158              | 5,919,718   | 188,189                           | 170,843                      | 42,941             | 45,642            | 447,615    | 6,367,333   |
| Available ton-miles on scheduled services .....    | 17,707,422                 | 50,839,423             | 68,546,845  | 414,793                           | 946,912                      | 265,949            | 387,627           | 2,015,281  | 70,562,126  |
| Weight load factor on scheduled services (3) ..... | 43.0                       | 52.7                   | 50.2        | 45.1                              | 49.7                         | 66.1               | 39.0              | 48.8       | 50.1        |
| Bulk:  |                            |                        |             |                                   |                              |                    |                   |            |             |
| Departures .....                                   | 28                         | 85                     | 113         | 592                               | 1,189                        | 9                  | 239               | 2,029      | 2,142       |
| Hours flown .....                                  | 147                        | 237                    | 384         | 710                               | 1,218                        | 9                  | 502               | 2,439      | 2,823       |
| Miles flown .....                                  | 56,753                     | 99,849                 | 156,602     | 69,086                            | 165,811                      | 1,298              | 86,201            | 322,396    | 478,998     |
| Passengers carried .....                           | 1,097                      | 3,768                  | 4,865       | 1,973                             | 2,652                        | 3                  | 621               | 5,249      | 10,114      |
| Freight carried .....                              | 32,355                     | -                      | 32,355      | 254,740                           | 1,065,566                    | 3,940              | 668,611           | 1,992,837  | 2,025,212   |
| Passenger-miles (4) .....                          | 4,273,358                  | 8,966,996              | 13,240,354  | 344,260                           | 2,050,084                    | 5,267              | 730,162           | 3,129,773  | 16,370,127  |
| Goods ton-miles (4) .....                          | 34,118                     | -                      | 34,118      | 21,577                            | 178,875                      | 2,557              | 290,171           | 493,180    | 527,298     |
| Revenue non-transportation services:               |                            |                        |             |                                   |                              |                    |                   |            |             |
| Specialty flying - Hours flown .....               | -                          | 15                     | 15          | 255                               | -                            | -                  | -                 | 225        | 240         |
| Total - All services:                              |                            |                        |             |                                   |                              |                    |                   |            |             |
| Traffic, hours and miles (5)                       |                            |                        |             |                                   |                              |                    |                   |            |             |
| Revenue:   |                            |                        |             |                                   |                              |                    |                   |            |             |
| Departures .....                                   | 1,825                      | 10,565                 | 12,390      | 1,844                             | 2,465                        | 1,033              | 1,267             | 6,609      | 18,999      |
| Hours flown .....                                  | 3,394                      | 13,661                 | 17,055      | 2,142                             | 2,530                        | 750                | 1,518             | 6,940      | 23,995      |
| Miles flown .....                                  | 1,213,637                  | 3,941,762              | 5,155,399   | 230,636                           | 360,836                      | 131,924            | 227,114           | 950,510    | 6,105,909   |
| Passengers carried .....                           | 39,416                     | 322,287                | 361,703     | 8,833                             | 15,956                       | 7,982              | 5,506             | 38,277     | 399,980     |
| Cargo carried .....                                | 684,377                    | 6,040,686              | 6,725,063   | 1,083,795                         | 1,380,259                    | 167,219            | 838,377           | 3,669,650  | 10,394,713  |
| Goods carried .....                                | 937,152                    | 9,141,200              | 10,078,352  | 1,334,807                         | 1,760,210                    | 228,435            | 939,387           | 4,262,839  | 14,341,191  |
| Passenger-miles (4) .....                          | 70,543,283                 | 228,613,384            | 299,156,667 | 1,932,671                         | 5,149,899                    | 2,662,941          | 2,316,038         | 12,061,549 | 311,218,216 |
| Goods ton-miles (4) .....                          | 1,143,678                  | 4,810,158              | 5,953,836   | 209,766                           | 349,718                      | 45,498             | 335,813           | 940,795    | 6,894,631   |

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

April 1964

|  | Group I carriers           |                        |            | Group II carriers                 |                             |                   |                  | Grand total |
|--|----------------------------|------------------------|------------|-----------------------------------|-----------------------------|-------------------|------------------|-------------|
|  | Canadian Pacific Air Lines | Trans-Canada Air Lines | Total      | Eastern Provincial Airways (1963) | Pacific Western Airlines(1) | Quebecair Inc.(1) | Transair Ltd.(1) | Total(1)    |
| <b>Total - All services - Concluded:</b> |                            |                        |            |                                   |                             |                   |                  |             |
| Traffic, hours and miles - Concluded:(5) |                            |                        |            |                                   |                             |                   |                  |             |
| Non-revenue:                             |                            |                        |            |                                   |                             |                   |                  |             |
| Hours flown .....                        | 147                        | 381                    | 528        | 120                               | 174                         | 25                | 47               | 366         |
| Passengers carried .....                 | 1,618                      | ..                     | ..         | 246                               | 426                         | 155               | 132              | 959         |
| Goods carried .....                      | 148,980                    | ..                     | 148,980    | 15,818                            | 33,774                      | -                 | 25,768           | 75,360      |
| Passenger-miles .....                    | 3,085,265                  | 11,607,398             | 14,692,663 | 45,018                            | 144,842                     | 42,930            | 62,316           | 295,106     |
| Goods ton-miles .....                    | 197,639                    | 485,026                | 682,665    | 3,327                             | 10,235                      | -                 | 6,780            | 20,342      |
| <b>Fuel and oil consumed:</b>            |                            |                        |            |                                   |                             |                   |                  |             |
| Turbo fuel - Quantity .....              | 3,406,199                  | 11,071,170             | 14,477,369 | 84,400                            | -                           | 131,922           | 22,996           | 239,318     |
| Cost .....                               | 556,121                    | 1,493,124              | 2,049,245  | 20,256                            | -                           | 26,291            | 5,395            | 51,942      |
| Gasoline - Quantity .....                | 399,702                    | -                      | 399,702    | 120,572                           | 274,167                     | 16,375            | 150,792          | 561,906     |
| Cost .....                               | 111,835                    | -                      | 111,835    | 45,160                            | 113,927                     | 4,251             | 57,213           | 220,551     |
| Turbo oil - Quantity .....               | 466                        | 2,628                  | 3,094      | 42                                | 378                         | 378               | 4                | 424         |
| Cost .....                               | 4,463                      | 27,748                 | 32,211     | 630                               | -                           | 803               | 44               | 1,477       |
| Other oil - Quantity .....               | 4,917                      | -                      | 4,917      | 1,852                             | 2,349                       | 225               | 2,136            | 6,562       |
| Cost .....                               | 5,497                      | -                      | 5,497      | 2,315                             | 2,936                       | 220               | 2,136            | 7,607       |
| <b>Average number of employees:</b>      |                            |                        |            |                                   |                             |                   |                  |             |
| Pilots and co-pilots .....               | 206                        | 605                    | 811        | 60                                | 73                          | 28                | 47               | 208         |
| Other flight personnel .....             | 249                        | 729                    | 978        | 7                                 | 45                          | 14                | 23               | 89          |
| General management .....                 | 121                        | 64                     | 185        | 40                                | 48                          | 48                | 20               | 155         |
| Maintenance labour .....                 | 561                        | 2,538                  | 3,099      | 153                               | 187                         | 67                | 114              | 521         |
| Aircraft and traffic servicing .....     | 821                        | 3,773                  | 4,594      | 107                               | 92                          | 113               | 58               | 370         |
| Other personnel .....                    | 696                        | 3,764                  | 4,460      | -                                 | 16                          | 8                 | 49               | 73          |
| Total employees .....                    | 2,654                      | 11,473                 | 14,127     | 367                               | 460                         | 278               | 311              | 1,416       |
| <b>Salaries and wages:</b>               |                            |                        |            |                                   |                             |                   |                  |             |
| Pilots and co-pilots .....               | 262,233                    | 768,476                | 1,030,709  | 33,340                            | 65,286                      | 21,319            | 39,787           | 159,732     |
| Other flight personnel .....             | 126,485                    | 315,115                | 441,600    | 3,011                             | 11,335                      | 3,387             | 7,776            | 25,509      |
| General management .....                 | 102,100                    | 108,165                | 210,265    | 20,309                            | 23,148                      | 20,408            | 13,371           | 77,236      |
| Maintenance labour .....                 | 265,268                    | 1,350,696              | 1,595,964  | 74,360                            | 93,884                      | 31,381            | 41,549           | 241,174     |
| Aircraft and traffic servicing .....     | 340,915                    | 1,769,323              | 2,110,238  | 41,399                            | 60,473                      | 37,602            | 22,031           | 161,505     |
| Other personnel .....                    | 261,656                    | 1,965,944              | 2,227,600  | -                                 | 4,657                       | 4,198             | 11,135           | 19,990      |
| Total salaries and wages .....           | 1,358,657                  | 6,257,719              | 7,616,376  | 172,419                           | 258,783                     | 118,295           | 135,649          | 685,146     |
|  |                            |                        |            |                                   |                             |                   |                  | 8,301,522   |

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Excludes Trans-Canada Air Lines.

(3) Standard passenger weight used: 200 pounds.

(4) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(5) These data exclude non-transportation services, except for hours flown.

TABLE 5. Revenue Interline Traffic(1), Canadian Scheduled Carriers - All Services, by Company

April 1964

|                                | Canadian Pacific Air Lines | Eastern Provincial Airways (1963) | Pacific Western Airlines | Quebecair Inc. | Transair Ltd. | Trans-Canada Air Lines | Total     |
|--------------------------------|----------------------------|-----------------------------------|--------------------------|----------------|---------------|------------------------|-----------|
| <b>Passengers carried:</b>     |                            |                                   |                          |                |               |                        |           |
| Originated .....               | 32,015                     | 5,163                             | 12,493                   | 7,979          | 4,305         | 267,339                | 329,294   |
| Domestic interline .....       | 2,688                      | 1,600                             | -                        | -              | -             | -                      | 58,681    |
| Foreign interline .....        | 3,213                      | -                                 | -                        | -              | -             | 51,180                 | -         |
| Totals(2) .....                | 37,916                     | 6,763                             | 12,493                   | 7,979          | 4,305         | 318,519                | 387,975   |
| <b>Express carried:</b>        |                            |                                   |                          |                |               |                        |           |
| Originated .....               | 64,696                     | 12,671                            | 27,591                   | -              | 11,790        | 861,003                | 977,751   |
| Domestic interline .....       | -                          | -                                 | -                        | -              | -             | -                      | -         |
| Foreign interline .....        | -                          | -                                 | -                        | -              | -             | -                      | -         |
| Totals(2) .....                | 64,696                     | 12,671                            | 27,591                   | -              | 11,790        | 861,003                | 977,751   |
| <b>Freight carried:</b>        |                            |                                   |                          |                |               |                        |           |
| Originated .....               | 491,973                    | 816,384                           | 448,866                  | 163,279        | 68,278        | 5,179,683              | 7,168,463 |
| Domestic interline .....       | 9,737                      | -                                 | -                        | -              | -             | -                      | 9,737     |
| Foreign interline .....        | 31,151                     | -                                 | -                        | -              | -             | -                      | 31,151    |
| Totals(2) .....                | 532,861                    | 816,384                           | 448,866                  | 163,279        | 68,278        | 5,179,683              | 7,209,351 |
| <b>Excess baggage carried:</b> |                            |                                   |                          |                |               |                        |           |
| Originated .....               | 28,685                     | 16,779                            | 16,975                   | 27,576         | 6,872         | -                      | 96,887(3) |
| Domestic interline .....       | -                          | -                                 | -                        | -              | -             | -                      | -         |
| Foreign interline .....        | -                          | -                                 | -                        | -              | -             | -                      | -         |
| Totals(2) .....                | 28,685                     | 16,779                            | 16,975                   | 27,576         | 6,872         | -                      | 96,887(3) |
| <b>Mail carried:</b>           |                            |                                   |                          |                |               |                        |           |
| Originated .....               | 224,090                    | 132,043                           | 158,575                  | 33,640         | 23,686        | 3,100,154              | 3,672,188 |
| Domestic interline .....       | -                          | -                                 | -                        | -              | -             | -                      | -         |
| Foreign interline .....        | -                          | -                                 | -                        | -              | -             | -                      | -         |
| Totals(2) .....                | 224,090                    | 132,043                           | 158,575                  | 33,640         | 23,686        | 3,100,154              | 3,672,188 |

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Board.

(2) Excludes division interline.

(3) Excludes Trans-Canada Air Lines.



TABLE 6. Operating Statistics, Canadian International Carriers - All Revenue Services, by area of Service

April 1964

- 16 -

|  | Trans-<br>Border<br>Services | Trans-<br>Atlantic<br>and Polar<br>Services | Southern<br>Services | Pacific<br>and<br>Orient<br>Services | Total<br>International<br>Services | Domestic<br>Services | Grand<br>total |
|--|------------------------------|---|----------------------|--------------------------------------|------------------------------------|----------------------|----------------|
| Unit toll:   |                              |   |                      |                                      |                                    |                      |                |
| Departures .....   | 1,615                        | 262   | 602                  | 101                                  | 2,580                              | 9,697                | 12,277         |
| Hours flown .....  | 2,244                        | 986   | 1,798                | 639                                  | 5,667                              | 10,989               | 16,656         |
| Miles scheduled .....                                    | 531,871                      | 460,392                                     | 724,871              | 292,030                              | 2,009,164                          | 2,894,596            | 4,903,760      |
| Miles flown:   |                              |   |                      |                                      |                                    |                      |                |
| Scheduled - Regular .....                                | 498,535                      | 441,026                                     | 723,422              | 286,496                              | 1,949,479                          | 2,831,612            | 4,781,091      |
| Extra sections .....                                     | 23,410                       | 27,074                                      | 47,455               | -                                    | 97,939                             | 72,197               | 170,136        |
| Non-scheduled .....                                      | -                            | -   | -                    | -                                    | -                                  | 47,570               | 47,570         |
| Totals .....   | 521,945                      | 468,100                                     | 770,877              | 286,496                              | 2,047,418                          | 2,951,379            | 4,998,797      |
| Ratio of regular miles flown to miles<br>scheduled ..... | 93.7                         | 95.8  | 99.8                 | 98.1                                 | 97.0                               | 97.8                 | 97.5           |
| Passengers carried .....                                 | ...                          | ...   | ...                  | ...                                  | 126,413                            | 230,425              | 356,838        |
| Cargo carried .....                                      | ...                          | ...   | ...                  | ...                                  | 2,843,792                          | 3,692,708            | 6,536,500      |
| Mail carried .....                                       | ...                          | ...   | ...                  | ...                                  | 374,390                            | 2,950,214            | 3,324,604      |
| Passenger-miles .....                                    | 29,386,342                   | 41,342,483                                  | 48,348,893           | 16,937,358                           | 136,015,076                        | 149,901,237          | 285,916,313    |
| Available seat-miles on scheduled services               | 45,023,797                   | 61,471,456                                  | 98,012,640           | 36,620,433                           | 243,128,326                        | 249,959,009          | 493,087,335    |
| Passenger load factor on scheduled services              | 65.3                         | 67.3  | 49.3                 | 46.3                                 | 55.9                               | 60.0                 | 58.0           |
| Goods ton-miles:   |                              |   |                      |                                      |                                    |                      |                |
| Express .....  | 52,057                       | -   | -                    | -                                    | 52,057                             | 297,436              | 349,493        |
| Freight .....  | 272,740                      | 815,826                                     | 406,806              | 341,167                              | 1,836,539                          | 2,092,437            | 3,928,976      |
| Excess baggage .....                                     | 15,893                       | 21,136                                      | 38,038               | 11,796                               | 86,863                             | 105,271              | 192,134        |
| Mail .....   | 37,842                       | 133,338                                     | 80,014               | 120,392                              | 371,586                            | 1,077,529            | 1,449,115      |
| Totals .....   | 378,532                      | 970,300                                     | 524,858              | 473,355                              | 2,347,045                          | 3,572,673            | 5,919,718      |
| Available ton-miles on scheduled service .....           | 5,493,898                    | 9,119,497                                   | 13,354,333           | 4,725,644                            | 32,693,372                         | 36,116,097           | 68,809,469     |
| Weight load factor on scheduled services(1)              | 60.4                         | 56.0  | 40.1                 | 45.9                                 | 48.8                               | 51.4                 | 50.2           |
| Bulk:  |                              |   |                      |                                      |                                    |                      |                |
| Departures .....   | 53                           | 303   | 10                   | 3                                    | 369                                | ...                  | ...            |
| Hours flown .....  | 87                           | 608   | 61                   | 29                                   | 785                                | ...                  | ...            |
| Miles flown .....  | 17,015                       | 165,740                                     | 17,674               | 9,461                                | 209,890                            | ...                  | ...            |
| Passengers carried .....                                 | 636                          | 4,924                                       | 394                  | 78                                   | 6,032                              | ...                  | ...            |
| Goods carried .....                                      | -                            | 119,124                                     | 32,355               | -                                    | 151,479                            | ...                  | ...            |
| Passenger-miles(2) .....                                 | -                            | -   | -                    | -                                    | 14,993,287                         | ...                  | ...            |
| Goods ton-miles(2) .....                                 | -                            | 10,005                                      | 34,118               | -                                    | 44,123                             | ...                  | ...            |
| Total:   |                              |   |                      |                                      |                                    |                      |                |
| Departures .....   | 1,668                        | 565   | 612                  | 104                                  | 2,949                              | ...                  | ...            |
| Hours flown .....  | 2,331                        | 1,594                                       | 1,859                | 668                                  | 6,452                              | ...                  | ...            |
| Miles flown .....  | 538,960                      | 633,840                                     | 788,551              | 295,957                              | 2,257,308                          | ...                  | ...            |
| Passengers carried .....                                 | ...                          | ...   | ...                  | ...                                  | 132,445                            | ...                  | ...            |
| Goods carried .....                                      | ...                          | ...   | ...                  | ...                                  | 3,374,785                          | ...                  | ...            |
| Passenger-miles(2) .....                                 | ...                          | ...   | ...                  | ...                                  | 151,008,363                        | ...                  | ...            |
| Goods ton-miles(2) .....                                 | 378,532                      | 980,305                                     | 538,976              | 473,355                              | 2,391,168                          | ...                  | ...            |

(1) Standard passenger weight used: 200 pounds.

(2) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.



TABLE 7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)

April 1964

|  | United States              |                 |           | Europe                    |                 |           |
|--|----------------------------|-----------------|-----------|---------------------------|-----------------|-----------|
|  | To                         | From            | Total     | To                        | From            | Total     |
| Passengers carried:                          |                            |                 |           |                           |                 |           |
| Unit toll ..... No.                          | 69,177                     | 78,724          | 147,901   | 16,292                    | 18,090          | 34,382    |
| Bulk ..... "                                 | 399                        | 594             | 993       | 3,176                     | 1,707           | 4,883     |
| Totals ..... "                               | 69,576                     | 79,318          | 148,894   | 19,468                    | 19,797          | 39,265    |
| Freight, express and excess baggage carried: |                            |                 |           |                           |                 |           |
| Unit toll ..... lb.                          | 488,650                    | 2,154,335       | 2,642,985 | 587,167                   | 1,382,461       | 1,969,628 |
| Bulk ..... "                                 | -                          | -               | -         | -                         | -               | -         |
| Totals ..... "                               | 488,650                    | 2,154,335       | 2,642,985 | 587,167                   | 1,382,461       | 1,969,628 |
| Mail carried (unit toll) ..... "             | 131,462                    | 233,628         | 365,090   | 119,993                   | 144,024         | 264,017   |
|  | All other areas            |                 |           | Totals                    |                 |           |
|  | To                         | From            | Total     | To                        | From            | Total     |
| Passengers carried:                          |                            |                 |           |                           |                 |           |
| Unit toll ..... No.                          | 5,683                      | 9,512           | 15,195    | 91,152                    | 106,326         | 197,478   |
| Bulk ..... "                                 | -                          | 78              | 78        | 3,575                     | 2,379           | 5,954     |
| Totals ..... "                               | 5,683                      | 9,590           | 15,273    | 94,727                    | 108,705         | 203,432   |
| Freight, express and excess baggage carried: |                            |                 |           |                           |                 |           |
| Unit toll ..... lb.                          | 168,338                    | 130,773         | 299,111   | 1,244,155                 | 3,667,569       | 4,911,724 |
| Bulk ..... "                                 | 32,355                     | -               | 32,355    | 32,355                    | -               | 32,355    |
| Totals ..... "                               | 200,693                    | 130,773         | 331,466   | 1,276,510                 | 3,667,569       | 4,944,279 |
| Mail carried (unit toll) ..... "             | 19,447                     | 24,035          | 43,482    | 270,902                   | 401,687         | 672,589   |
|  | Total by Canadian carriers |                 |           | Total by Foreign carriers |                 |           |
|  | Leaving Canada             | Entering Canada | Total     | Leaving Canada            | Entering Canada | Total     |
| Passengers carried:                          |                            |                 |           |                           |                 |           |
| Unit toll ..... No.                          | 55,074                     | 68,015          | 123,089   | 36,078                    | 38,311          | 74,389    |
| Bulk ..... "                                 | 2,543                      | 1,547           | 4,090     | 1,032                     | 832             | 1,864     |
| Totals ..... "                               | 57,617                     | 69,562          | 127,179   | 37,110                    | 39,143          | 76,253    |
| Freight, express and excess baggage carried: |                            |                 |           |                           |                 |           |
| Unit toll ..... lb.                          | 742,709                    | 1,980,433       | 2,723,142 | 501,446                   | 1,687,136       | 2,188,582 |
| Bulk ..... "                                 | 32,355                     | -               | 32,355    | -                         | -               | -         |
| Totals ..... "                               | 775,064                    | 1,980,433       | 2,755,497 | 501,446                   | 1,687,136       | 2,188,582 |
| Mail carried (unit toll) ..... "             | 166,796                    | 177,114         | 343,910   | 104,106                   | 224,573         | 328,679   |

(1) Passengers and goods in transit through Canada are excluded.

TABLE 8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service

April 1964

|                                      | Fixed wing aircraft |                |               |                | Helicopters   |                |               |                |
|--------------------------------------|---------------------|----------------|---------------|----------------|---------------|----------------|---------------|----------------|
|                                      | Month               |                | Year to date  |                | Month         |                | Year to date  |                |
|                                      | Revenue hours       | Revenue earned | Revenue hours | Revenue earned | Revenue hours | Revenue earned | Revenue hours | Revenue earned |
|                                      | No.                 | \$             | No.           | \$             | No.           | \$             | No.           | \$             |
| Type of service:                     |                     |                |               |                |               |                |               |                |
| Aerial advertising .....             | -                   | -              | -             | -              | 11            | 1,117          | 114           | 11,247         |
| Aerial fish cultivation .....        | -                   | -              | -             | -              | -             | -              | -             | -              |
| Aerial patrol and inspection .....   | 559                 | 77,823         | 2,359         | 293,694        | 414           | 35,052         | 1,093         | 123,839        |
| Aerial pest control .....            | 184                 | 9,553          | 186           | 9,778          | -             | -              | -             | -              |
| Aerial photography and survey .....  | 338                 | 35,683         | 809           | 82,874         | -             | -              | 86            | 2,195          |
| Aerial photography (excl. survey) .. | 75                  | 5,232          | 152           | 6,756          | -             | -              | 44            | 3,917          |
| Aircraft rental .....                | 109                 | 4,844          | 266           | 12,539         | -             | -              | 3             | 250            |
| Flying training .....                | 2,682               | 47,515         | 9,110         | 159,099        | 53            | 2,543          | 209           | 15,750         |
| Geophysical survey .....             | 963                 | 86,048         | 2,495         | 283,550        | -             | -              | 20            | 3,917          |
| Non-transportation charter .....     | 46                  | 3,389          | 463           | 15,258         | -             | -              | 2             | 509            |
| Philanthropic .....                  | -                   | -              | -             | -              | -             | -              | -             | -              |
| Recreational flying .....            | 913                 | 19,432         | 3,074         | 60,735         | 1             | 10             | 30            | 4,177          |
| Specialty flying - Other .....       | 83                  | 10,602         | 83            | 10,602         | 7             | 1,695          | 16            | 2,771          |
| Totals .....                         | 5,952               | 300,121        | 18,997        | 934,885        | 486           | 40,417         | 1,617         | 168,572        |

TABLE 9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV

April 1964

|                                       | Carriers operating helicopters only |              | Carriers operating both helicopters and fixed wing aircraft |              | Total   |              |
|---------------------------------------|-------------------------------------|--------------|---|--------------|---------|--------------|
|                                       | Month                               | Year to date | Month   | Year to date | Month   | Year to date |
| Carriers reporting .....              | No. 13                              | ...          | 7   | ...          | 20      | ...          |
| Helicopters - Owned .....             | " 129                               | 111          | 11  | 12           | 140     | 123          |
| Leased .....                          | " 7                                 | 7            | 3   | 2            | 10      | 9            |
| Totals .....                          | " 136                               | 118          | 14  | 14           | 150     | 132          |
| Revenue hours flown - Unit toll ..... | " 6                                 | 16           | -   | -            | 6       | 16           |
| Bulk .....                            | " 2,390                             | 5,788        | 194   | 591          | 2,584   | 6,380        |
| Specialty .....                       | " 486                               | 1,274        | 130   | 341          | 616     | 1,615        |
| Totals .....                          | " 2,882                             | 7,078        | 324   | 933          | 3,206   | 8,011        |
| Non-revenue hours flown .....         | " 263                               | 606          | 25  | 80           | 288     | 685          |
| Fuel and oil consumed:                |                                     |              |   |              |         |              |
| Gasoline .....                        | gal. 43,230                         | 131,244      | 7,612   | 19,990       | 50,842  | 151,234      |
| Cost .....                            | \$ 19,962                           | 56,883       | 3,571   | 8,909        | 23,533  | 65,792       |
| Oil .....                             | gal. 2,240                          | 3,844        | 139   | 429          | 2,379   | 4,273        |
| Cost .....                            | \$ 4,155                            | 6,513        | 188   | 551          | 4,343   | 7,064        |
| Average number of employees:          |                                     |              |   |              |         |              |
| Pilots .....                          | No. 111                             | 99           | 12  | 13           | 123     | 112          |
| Administrative .....                  | " 50                                | 47           | 1   | 1            | 51      | 48           |
| Maintenance labour .....              | " 120                               | 105          | 8   | 9            | 128     | 114          |
| Other personnel .....                 | " 6                                 | 7            | -   | -            | 6       | 7            |
| Totals .....                          | " 287                               | 258          | 21  | 23           | 308     | 281          |
| Salaries and wages:                   |                                     |              |   |              |         |              |
| Pilots .....                          | \$ 71,355                           | 243,967      | 8,513   | 35,159       | 79,868  | 279,126      |
| Administrative .....                  | \$ 36,299                           | 111,234      | 900   | 4,770        | 37,199  | 116,004      |
| Maintenance labour .....              | \$ 56,444                           | 196,126      | 3,772   | 18,114       | 60,216  | 214,240      |
| Other personnel .....                 | \$ 1,628                            | 10,253       | -   | -            | 1,628   | 10,253       |
| Totals .....                          | \$ 165,726                          | 561,580      | 13,185  | 58,043       | 178,911 | 619,623      |

TABLE 10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV  
April 1964

|  | Current month | Year to date |
|--|---------------|--------------|
|  | dollars       |              |
| Operating revenues:                      |               |              |
| Unit toll transportation:                |               |              |
| Passengers .....                         | 31            | 86           |
| Express .....                            | -             | -            |
| Freight .....                            | -             | -            |
| Excess baggage .....                     | -             | -            |
| Mail .....                               | -             | -            |
| Total unit toll transportation .....     | 31            | 86           |
| Bulk transportation .....                | 292,708       | 719,123      |
| Total transportation .....               | 292,739       | 719,209      |
| Other flying services .....              | 41,317        | 120,852      |
| Total flying services .....              | 334,056       | 840,061      |
| Non-flying services .....                | Dr. 17,500    | 31,240       |
| Total operating revenues .....           | 316,556       | 871,301      |
| Operating expenses:                      |               |              |
| Flying operations .....                  | 115,159       | 495,018      |
| Maintenance .....                        | 84,992        | 354,709      |
| General service and administration ..... | 103,801       | 276,101      |
| Depreciation and amortization .....      | 52,564        | 152,738      |
| Total operating expenses .....           | 356,516       | 1,278,566    |
| Operating income (deficit) .....         | Dr. 39,960    | Dr. 407,265  |
| Non-operating income:                    |               |              |
| Capital gains and losses .....           | 1,902         | 10,090       |
| Interest and discounts .....             | 1,065         | 4,485        |
| Miscellaneous non-operating income ..... | 17,179        | 62,547       |
| Income before interest expense .....     | Dr. 19,814    | Dr. 330,143  |
| Interest expense .....                   | 15,789        | 33,331       |
| Income before income taxes .....         | Dr. 35,603    | Dr. 363,474  |
| Provision for income taxes .....         | -             | -            |
| Net income after income taxes .....      | Dr. 35,603    | 363,474      |

CIVIL AVIATION DEFINITIONS(1)

Bulk Transportation:

- (1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4); and
- (2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).

Classification of Canadian Carriers by Groups

- Group I Carriers: Canadian Air Carriers licensed to perform both domestic and international scheduled services. (Trans-Canada Air Lines and Canadian Pacific Air Lines Ltd.).
- Group II Carriers: Canadian Air Carriers other than Group I carriers licensed to perform domestic scheduled services and Nordair Ltd.(2).
- Group III Carriers: Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$500,000 or over (excepting air carriers included in Group I and II).
- Group IV Carriers: Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$100,000 and over, but less than \$500,000.
- Group V Carriers: Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of less than \$100,000.

Cargo:

Air freight and air express (excluding mail and excess baggage).

Carrier, Air:

Any person who operates aircraft in or over Canada for hire or reward.

Non-Scheduled Carriers: Carriers not operating any scheduled (Class I) service.

Scheduled Carriers: Air Carriers serving designated points in accordance with a service schedule and at a toll per unit.

- 
- (1) Reference to Classes refers to the classification of air carriers as defined by the Air Transport Board and published in the "Directory of Canadian Commercial Air Services" Queen's Printer, Ottawa.
  - (2) For statistical purposes in this report, Nordair Ltd. is included with Group III carriers.

Freedom of the Air:

- First Freedom: The privilege to fly over the territory of a foreign country without landing.
- Second Freedom: The privilege to land on the territory of a foreign country for non-traffic purposes.
- Third Freedom: The privilege to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
- Fourth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
- Fifth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the privilege to put down in a foreign country, passengers, mail and cargo coming from any such territory.

Goods: Air Cargo (freight and express) plus mail and excess baggage.

Interline Traffic:

- Domestic Interline: Passengers and goods received by a carrier at Canadian points from other Canadian Air Carriers.
- Foreign Interline: Passengers and goods received by a carrier from Foreign Air Carriers.
- Divisional Interline: Passengers and goods received from other operating divisions of the same carrier.

International Services:

- Trans-Border Services: Services between Canada and the United States.
- Southern Services: Services between Canada and Bermuda, the Caribbean, Mexico, Central or South America.
- Trans-Atlantic and Polar Services: Services between Canada and Europe.
- Pacific and Orient Services: Services between Canada and points in the Pacific Ocean or the Orient.

Load Capacity Available: Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, stewards' supplies, etc.



|                                   |  |
|-----------------------------------|--|
| <u>Load Factor, Passenger:</u>    | Ratio of revenue passenger-miles performed to available seat-miles.  |
| <u>Load Factor, Weight:</u>       | - See Weight, Load-Factor.   |
| <u>Miles:</u>                     | Statute miles of 5,280 ft.   |
| <u>Passenger:</u>                 | A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger. A round trip passenger is counted as two passengers.   |
| <u>Passenger Load-Factor:</u>     | - See Load Factor, Passenger.  |
| <u>Passenger-Mile:</u>            | The transportation of one passenger one mile.  |
| <u>Non-Revenue Passenger:</u>     | A child or adult carried on a revenue transportation flight for whom no fare is collected, including company personnel.  |
| <u>Revenue Passenger:</u>         | A child or adult for which a fare or part of a fare is paid.   |
| <u>Seat-Miles Available:</u>      | Seats available for the transportation of passengers multiplied by the miles flown on each inter-station flight.   |
| <u>Specialty Flying Services:</u> | Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising.   |
| <u>Tons:</u>                      | Short tons of 2,000 lbs.   |
| <u>Ton-Mile:</u>                  | The transportation of one ton of goods one mile.   |
| <u>Ton-Miles Available:</u>       | Available load capacity multiplied by miles flown on each inter-station flight.  |
| <u>Unit Toll Transportation:</u>  | Public transportation of passengers and goods at a toll per unit. It includes: <ul style="list-style-type: none"><li>(i) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class I); and</li><li>(ii) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3).</li></ul> |
| <u>Weight Load Factor:</u>        | Ratio of revenue ton-miles performed to available ton-miles.   |







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# CIVIL AVIATION

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## SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures are not available.
- ... Figures not appropriate or not applicable.
- Nil or zero.

## INTRODUCTION

"Civil Aviation" reports are prepared from monthly and quarterly schedules filed with the Air Transport Board and the Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly returns filed with the Dominion Bureau of Statistics by foreign air carriers operating in Canada.

For reporting purposes, Canadian air carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. These groups are described on page twenty of this publication along with other definitions. It should be noted that the definition of each of the five groups has been revised as of 1st January, 1964. This revision resulted in four former group III carriers being transferred to Group IV and 24 former Group IV carriers being transferred to Group V. It should also be noted that Nordair Ltd., classified as a Group II carrier by the Air Transport Board, is included with Group III carriers for statistical purposes. Group V comprises small air carriers required to file returns on a quarterly basis only. Data on their operations are excluded from the other carrier statistics appearing throughout the report.

Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. A complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

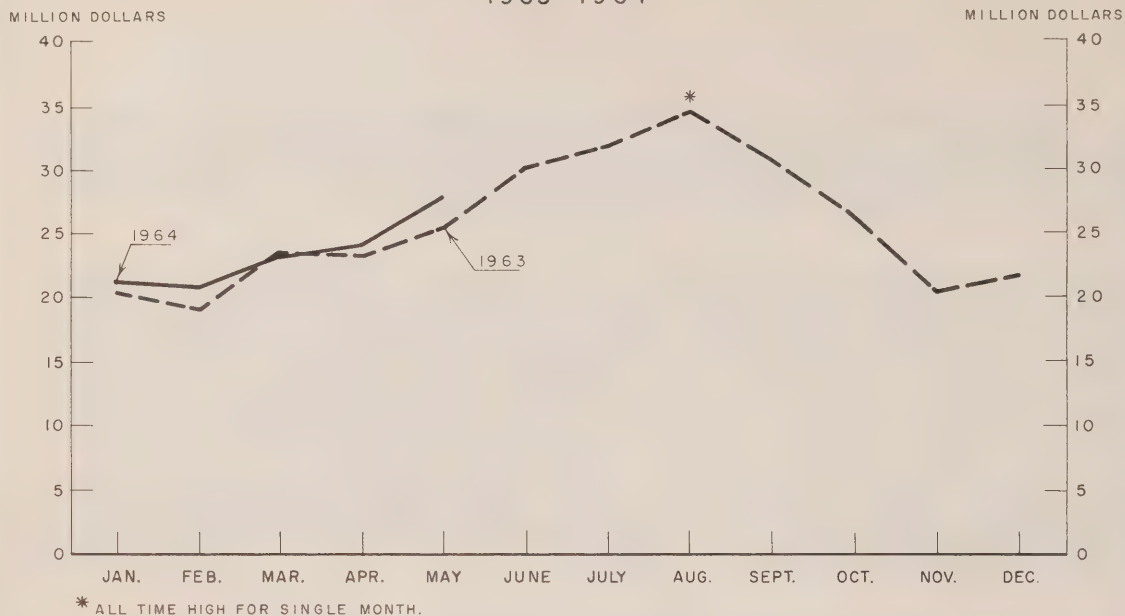
Domestic and international operations of Canadian carriers are combined in all tables except Table 6 which provides a breakdown of domestic and international operations for Canadian carriers operating international unit toll and bulk services.

Commencing with the January, 1964 issue, bulk transport passenger-miles and goods-ton-miles have been added to the statistical data of this report. However, because of survey limitations, this data refers only to aircraft which has a minimum authorized take-off weight on wheels in excess of 18,000 pounds. Operating data covering bulk international flights have also been added to Table 6. It should be noted, however, that the number of carriers reporting international bulk services may vary from month to month.

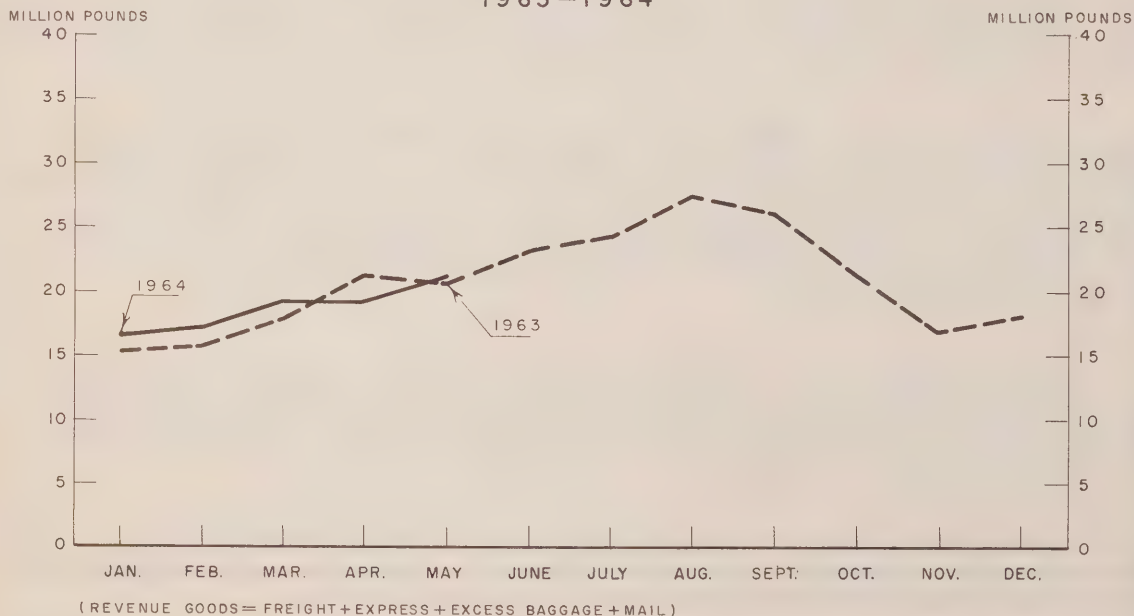
Table 7 provides data on traffic leaving and entering Canada on an area of service basis. Passengers, cargo and mail in transit through Canada are excluded. The table contains the operations of both Canadian and Foreign carriers with separate totals for each.

Also commencing with the January, 1964 issue of "Civil Aviation", data on helicopters have been expanded to include more detail. A split has been made between the use of fixed wing aircraft and helicopters for specialty flying.

# OPERATING REVENUE OF CANADIAN AIR CARRIERS 1963-1964



# REVENUE GOODS CARRIED BY CANADIAN AIR CARRIERS 1963-1964



## REVIEW OF MAY OPERATIONS

Increases were reported in the transportation of both revenue passengers and goods by Canadian Air Carriers during the month of May compared with May 1963. Although passengers carried totalled 490,617, an increase of 7.1 per cent, goods transported rose to 10,543.8 tons, an increase of 1.7 per cent. The revenue miles flown were up 1.9 per cent to 8,779,704. Passenger-miles and goods-ton-miles performed by Canadian carriers in unit toll and bulk services totalled 370,236,070 and 7,974,600 respectively. Unit toll services accounted for 87.1 per cent of the total passenger-miles and 88.7 per cent of the total goods-ton-miles.

May operating revenues showed a 8.8 per cent increase over May 1963 to \$27,663,716 while operating expenses rose 4.8 per cent to \$25,563,620, thus on operating income of \$2,100,096 was reported. This compared with an income of \$1,029,598 for the same month of the previous year. A net income after provision for income taxes of \$1,196,937 was reported as against a net income of \$55,640 in May 1963.

Revenue hours reported flown by 13 carriers who operated 126 helicopters exclusively amounted to 3,456. Hours reported flown by 12 helicopters operated by 7 fixed wing carriers totalled 482. Operating revenues reported by helicopter carriers amounted to \$457,975 while the operating expenses amounted to \$399,072.

In May the six scheduled carriers transported 439,399 revenue passengers, 89.6 per cent of all passengers carried by all Canadian carriers. They also carried 7,064.6 tons of revenue goods, 67.0 per cent of the total. Operating revenues amounted to \$24,908,589 or 90.0 per cent of all Canadian air carrier revenues. Operating expenses amounted to \$23,088,675 or 90.3 per cent of the total. Comparable figures for May 1963 are: passengers 89.1 per cent, goods 66.3 per cent, revenues 88.5 per cent and expenses 88.4 per cent.

Revenue passenger-miles performed by Canadian carriers in international unit toll in May amounted to 139,788,518 or 43.3 per cent of the total unit toll passenger-miles. The division of international services by air was as follows:

| <u>Area</u>                    | <u>Percentage</u> |
|--------------------------------|-------------------|
| Trans-Border .....             | 25.0              |
| Trans-Atlantic and Polar ..... | 39.8              |
| Southern .....                 | 23.7              |
| Pacific and Orient .....       | <u>11.5</u>       |
| Totals .....                   | <u>100.0</u>      |

### The Cumulative View:

The five months of 1964 compared with the same period in 1963 showed the revenue passengers increased 3.5 per cent to 2,110,177, while revenue goods rose 10.3 per cent to 46,751 tons. Passenger-miles and goods-ton-miles performed by Canadian carriers totalled 1,530,505,701 and 37,245,808 respectively. Operating revenues increased 9.7 per cent to \$117,141,540 while operating expenses increased 9.7 per cent to \$120,988,226.

### Foreign Carriers:

Foreign carriers licensed to operate in Canada transported 83,257 revenue passengers during May, and increase of 17.5 per cent over May 1963. Revenue goods carried totalled 1,244 tons, an increase of 20.4 per cent. Foreign carriers report hours and miles flown over Canadian territory only. Statistics of passengers and goods in transit have been excluded.



TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

May 1964

|                                      | Canadian carriers                          |                        |           |           | Total Canadian carriers | Foreign carriers(2)    |                           | Grand total all carriers | Year to date  |
|--------------------------------------|--|------------------------|-----------|-----------|-------------------------|------------------------|---------------------------|--------------------------|---------------|
|                                      | Scheduled carriers<br>Group I<br>and II(1) | Non-scheduled carriers |           |           |                         | United States carriers | Other Foreign carriers(3) |                          |               |
|                                      |  | Group III(1)           | Group IV  | Total     |                         |                        |                           |                          |               |
| Number of carriers reporting ...     | 6  | 15                     | 47        | 62        | 68                      | 10                     | 9                         | 87                       | ..            |
| Revenue transportation services:     |  |                        |           |           |                         |                        |                           |                          |               |
| Unit toll:                           |  |                        |           |           |                         |                        |                           |                          |               |
| Departures .....                     | 17,788                                     | 2,065                  | 342       | 2,407     | 20,195                  | ..                     | ..                        | ..                       | ..            |
| Hours flown .....                    | 23,090                                     | 2,418                  | 197       | 2,615     | 25,705                  | 342                    | 1,033                     | 27,080                   | 122,146       |
| Miles scheduled .....                | 5,588,646                                  | ...                    | ...       | ...       | 5,588,646               | 86,265                 | 430,991                   | 6,105,902                | 28,879,901    |
| Miles flown:                         |  |                        |           |           |                         |                        |                           |                          |               |
| Scheduled .....                      | 5,725,075                                  | ...                    | ...       | ...       | 5,725,075               | 85,541                 | 425,447                   | 6,236,063                | 29,031,606(4) |
| Non-scheduled .....                  | 274,021                                    | 308,954                | 22,774    | 331,728   | 605,749                 | -                      | -                         | 605,749                  | 2,762,699(4)  |
| Totals .....                         | 5,999,096                                  | 308,954                | 22,774    | 331,728   | 6,330,824               | 85,541                 | 425,447                   | 6,841,812                | 31,794,305    |
| Passengers carried .....             | 421,238                                    | 9,355                  | 2,046     | 11,401    | 432,639                 | 55,207                 | 24,601                    | 512,447                  | 2,299,469     |
| Goods carried:                       |  |                        |           |           |                         |                        |                           |                          |               |
| Cargo .....                          | 8,720,921                                  | 585,849                | 24,907    | 610,756   | 9,331,677               | 905,235                | 1,261,993                 | 11,642,297               | 53,943,999    |
| Excess baggage .....                 | 129,727(5)                                 | 6,722                  | 6,943     | 13,665    | 143,392                 | 142,719                | 173,467                   | 4,082,006                | 20,786,486    |
| Mail .....                           | 3,643,876                                  | 110,803                | 11,141    | 121,944   | 3,765,820               | 1,047,954              | 1,435,460                 | 15,724,303               | 74,730,485    |
| Totals .....                         | 12,494,524                                 | 703,374                | 42,991    | 746,365   | 13,240,889              | 2,274,555              | 21,059,920                | 345,873,813              | 1,507,836,729 |
| Passenger-miles .....                | 320,771,436                                | 1,686,506              | 81,396    | 1,767,902 | 322,539,338             | 2,274,555              | 21,059,920                | 345,873,813              | 1,507,836,729 |
| Goods ton-miles:                     |  |                        |           |           |                         |                        |                           |                          |               |
| Cargo .....                          | 5,078,043                                  | 227,938                | 1,105     | 229,043   | 5,307,086               | 19,949                 | 469,702                   | 6,038,089                | 27,492,937    |
| Excess baggage .....                 | 237,275                                    | 3,926                  | 151       | 4,077     | 241,352                 | 3,094                  | 72,470                    | 1,602,026                | 8,012,066     |
| Mail .....                           | 1,500,313                                  | 25,430                 | 719       | 26,149    | 1,526,462               | 23,043                 | 542,172                   | 7,640,115                | 35,505,003    |
| Totals .....                         | 6,815,631                                  | 257,294                | 1,975     | 259,269   | 7,074,900               | 23,043                 | 542,172                   | 7,640,115                | 35,505,003    |
| Bulk:                                |  |                        |           |           |                         |                        |                           |                          |               |
| Departures .....                     | 2,753                                      | 6,440                  | 14,757    | 21,197    | 23,950                  | ..                     | ..                        | ..                       | ..            |
| Hours flown .....                    | 4,033                                      | 7,823                  | 9,240     | 17,063    | 21,096                  | 5                      | 116                       | 21,217                   | 68,509        |
| Miles flown .....                    | 818,090                                    | 694,785                | 936,005   | 1,630,790 | 2,448,880               | 434                    | 41,967                    | 2,491,281                | 7,906,823     |
| Passengers carried .....             | 18,161                                     | 15,356                 | 24,461    | 39,817    | 57,978                  | 153                    | 3,001                     | 61,132                   | 167,470       |
| Freight carried .....                | 1,634,702                                  | 3,686,320              | 2,525,754 | 6,212,074 | 7,846,776               | -                      | -                         | 7,846,776                | 31,011,587    |
| Passenger-miles(6) .....             | 41,467,177                                 | 6,116,967              | 112,588   | 6,229,555 | 47,696,732              | ..                     | ..                        | ..                       | ..            |
| Goods ton-miles(6) .....             | 426,261                                    | 414,113                | 59,326    | 473,439   | 899,700                 | -                      | -                         | 899,700                  | ..            |
| Revenue non-transportation services: |  |                        |           |           |                         |                        |                           |                          |               |
| Specialty flying - Hours flown       | 196  | 1,099                  | 6,181     | 7,280     | 7,476                   | -                      | -                         | 7,476                    | 28,090        |

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

May 1964

|                                    | Canadian carriers  |              |                        |           |                        | Total Canadian carriers | Foreign carriers(2)        |            | Grand total all carriers | Year to date |
|------------------------------------|--------------------|--------------|------------------------|-----------|------------------------|-------------------------|----------------------------|------------|--------------------------|--------------|
|                                    | Scheduled carriers |              | Non-scheduled carriers |           | United States carriers |                         | Other Foreign carriers (3) |            |                          |              |
|                                    | Groups I and II(1) | Group III(1) | Group IV               | Total     |                        |                         |                            |            |                          |              |
| Total - All services:              |                    |              |                        |           |                        |                         |                            |            |                          |              |
| Revenue:                           |                    |              |                        |           |                        |                         |                            |            |                          |              |
| Traffic, miles and hours: (7)      |                    |              |                        |           |                        |                         |                            |            |                          |              |
| Departures .....                   | 20,541             | 8,505        | 15,099                 | 23,604    | 44,145                 | **                      | **                         | 55,773     | **                       | 218,745      |
| Hours flown .....                  | 27,319             | 11,340       | 15,618                 | 26,958    | 54,277                 | 347                     | 1,149                      | 9,333,093  | **                       | 39,701,128   |
| Miles flown .....                  | 6,817,186          | 1,003,739    | 958,779                | 1,962,518 | 8,779,704              | 85,975                  | 467,414                    | 39,701,128 | **                       | 2,466,939    |
| Passengers carried .....           | 439,399            | 24,711       | 26,507                 | 51,218    | 490,617                | 55,360                  | 27,602                     | 573,579    | **                       | 84,452,914   |
| Cargo carried .....                | 10,355,623         | 4,272,169    | 2,550,661              | 6,822,830 | 17,178,453             | 905,235                 | 1,261,993                  | 19,345,681 | **                       | 105,742,072  |
| Goods carried .....                | 14,129,426         | 4,389,694    | 2,568,745              | 6,958,439 | 21,087,665             | 1,047,954               | 1,435,460                  | 23,571,079 | **                       | 105,742,072  |
| Passenger-miles(6) .....           | 362,238,613        | 7,803,473    | 193,984                | 7,997,457 | 370,236,070            | 2,274,555               | 542,172                    | 8,539,815  | **                       | 105,742,072  |
| Goods ton-miles(6) .....           | 7,241,892          | 671,407      | 61,301                 | 732,708   | 7,974,600              | 23,043                  | 736                        | 18,461     | **                       | 18,003       |
| Non-revenue:                       |                    |              |                        |           |                        |                         |                            |            |                          |              |
| Hours flown .....                  | 921                | 651          | 565                    | 1,216     | 2,137                  | 2                       | 15                         | 2,154      | **                       | 7,753        |
| Passengers carried .....           | 2,549(5)           | 74           | 24                     | 98        | 2,647                  | 1,050                   | 569                        | 4,266      | **                       | 39,701,128   |
| Goods carried .....                | 223,287(5)         | 45,441       | 2,840                  | 48,281    | 271,568                | 12,256                  | 66,070                     | 349,894    | **                       | 2,466,939    |
| Passenger-miles .....              | 15,791,717         | 73,919       | -                      | 73,919    | 15,865,636             | 46,689                  | 397,052                    | 16,309,377 | **                       | 84,452,914   |
| Goods ton-miles .....              | 685,824            | 65,475       | -                      | 65,475    | 751,299                | 315                     | 18,220                     | 769,834    | **                       | 105,742,072  |
| Fuel and oil consumed:             |                    |              |                        |           |                        |                         |                            |            |                          |              |
| Turbo fuel - Quantity .....        | 16,068,331         | -            | 8,690                  | 8,690     | 16,077,021             | 114,310                 | 2,536,295                  | 18,727,626 | **                       | 85,323,055   |
| Cost .....                         | 2,274,340          | -            | 2,510                  | 2,510     | 2,276,850              | 18,847                  | 374,128                    | 2,669,825  | **                       | 12,316,081   |
| Gasoline - Quantity .....          | 1,130,007          | -            | 235,182                | 716,436   | 1,846,443              | 23,170                  | 105,091                    | 1,974,704  | **                       | 8,100,103    |
| Cost .....                         | 373,503            | 232,470      | 131,219                | 363,689   | 737,192                | 5,495                   | 19,981                     | 762,668    | **                       | 2,863,950    |
| Turbo oil - Quantity .....         | 3,445              | -            | 1                      | 1         | 3,446                  | 63                      | 50                         | 3,559      | **                       | 17,129       |
| Cost .....                         | 34,572             | -            | 15                     | 15        | 34,587                 | 350                     | 495                        | 35,432     | **                       | 163,569      |
| Other oil - Quantity .....         | 13,713             | 6,597        | 3,785                  | 10,382    | 24,095                 | 12                      | 160                        | 24,267     | **                       | 98,632       |
| Cost .....                         | 15,093             | 9,564        | 6,160                  | 15,724    | 30,817                 | 40                      | 146                        | 31,003     | **                       | 120,349      |
| Average number of employees:       |                    |              |                        |           |                        |                         |                            |            |                          |              |
| Pilots and co-pilots .....         | 1,033              | 307          | 274                    | 581       | 1,614                  | **                      | **                         | **         | **                       | **           |
| Other flight personnel .....       | 1,065              | 26           | 22                     | 48        | 1,113                  | **                      | **                         | **         | **                       | **           |
| General management .....           | 333                | 75           | 74                     | 149       | 482                    | **                      | **                         | **         | **                       | **           |
| Maintenance labour .....           | 3,598              | 321          | 240                    | 561       | 4,159                  | **                      | **                         | **         | **                       | **           |
| Aircraft & traffic servicing ..... | 5,052              | 124          | 55                     | 179       | 5,231                  | **                      | **                         | **         | **                       | **           |
| Other personnel .....              | 4,599              | 198          | 94                     | 292       | 4,891                  | **                      | **                         | **         | **                       | **           |
| Totals .....                       | 15,680             | 1,051        | 759                    | 1,810     | 17,490                 | 235                     | 736                        | 18,461     | **                       | 18,003       |
| Salaries and wages paid:           |                    |              |                        |           |                        |                         |                            |            |                          |              |
| Pilots and co-pilots .....         | 1,234,929          | 229,137      | 160,987                | 390,124   | 1,625,053              | **                      | **                         | **         | **                       | **           |
| Other flight personnel .....       | 491,053            | 15,699       | 7,020                  | 22,719    | 513,772                | **                      | **                         | **         | **                       | **           |
| General management .....           | 281,579            | 55,092       | 44,455                 | 99,547    | 381,126                | **                      | **                         | **         | **                       | **           |
| Maintenance labour .....           | 1,794,374          | 151,889      | 97,883                 | 249,772   | 2,044,146              | **                      | **                         | **         | **                       | **           |
| Aircraft & traffic servicing ..... | 2,388,406          | 49,751       | 17,552                 | 67,303    | 2,455,709              | **                      | **                         | **         | **                       | **           |
| Other personnel .....              | 2,276,613          | 73,288       | 28,729                 | 102,017   | 2,378,630              | **                      | **                         | **         | **                       | **           |
| Totals .....                       | 8,466,954          | 574,856      | 356,626                | 931,482   | 9,398,436              | 139,825                 | 344,925                    | 9,883,186  | **                       | 48,551,234   |

Group II non-scheduled carriers included with Group III for purposes of

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

(2) See "Foreign Carriers", page 7, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Trans-Canada Air Lines.

(6) Excludes chartered aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(7) These data exclude non-transportation services, except for hours flown.

(8) Includes excess baggage.  
(9) Data in Tables 4, 5, 6, 7, 8 and 9 included in this table.

TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group  
May 1964

|                                       | Scheduled carriers |             |            | Non-scheduled carriers |           |            | Grand total | Year to date  |
|---------------------------------------|--------------------|-------------|------------|------------------------|-----------|------------|-------------|---------------|
|                                       | Group I            | Group II(1) | Total      | Group III(1)           | Group IV  | Total      |             |               |
|                                       | dollars            |             |            |                        |           |            |             |               |
| Operating revenues:                   |                    |             |            |                        |           |            |             |               |
| Unit toll transportation:             |                    |             |            |                        |           |            |             |               |
| Passengers .....                      | 18,696,299         | 893,085     | 19,589,384 | 238,215                | 18,123    | 256,338    | 19,845,722  | 87,404,572    |
| Express .....                         | 343,505            | 14,806      | 358,311    | 7,353                  | -         | 7,353      | 365,664     | 1,672,352     |
| Freight .....                         | 1,175,206          | 232,112     | 1,407,318  | 111,261                | 1,649     | 112,910    | 1,520,228   | 6,726,304     |
| Excess baggage .....                  | 116,741            | 13,086      | 139,827    | 6,255                  | 284       | 6,539      | 142,366     | 633,616       |
| Mail .....                            | 1,191,472          | 145,723     | 1,337,195  | 45,889                 | 3,035     | 48,924     | 1,386,119   | 6,946,007     |
| Total unit toll transportation ..     | 21,523,223         | 1,304,812   | 22,828,035 | 408,973                | 23,091    | 432,064    | 23,260,099  | 103,382,851   |
| Bulk transportation .....             | 1,162,523          | 602,209     | 1,764,732  | 1,179,818              | 725,429   | 1,905,247  | 3,669,978   | 10,600,328    |
| Total transportation .....            | 22,685,746         | 1,907,021   | 24,592,767 | 1,588,791              | 748,520   | 2,337,311  | 26,930,079  | 113,983,379   |
| Other flying services .....           | 8,860              | 44,190      | 53,050     | 116,235                | 199,701   | 315,936    | 368,986     | 1,480,187     |
| Total flying services .....           | 22,694,606         | 1,951,211   | 24,645,817 | 1,705,026              | 948,221   | 2,653,247  | 27,299,064  | 115,463,566   |
| Non-flying services .....             | 250,389            | 12,383      | 262,772    | 22,184                 | 79,696    | 101,880    | 364,652     | 1,677,937     |
| Total operating revenues .....        | 22,944,995         | 1,963,594   | 24,908,589 | 1,727,210              | 1,027,917 | 2,755,127  | 27,663,716  | 117,141,503   |
| Operating expenses:                   |                    |             |            |                        |           |            |             |               |
| Flying operations .....               | 5,335,319          | 681,574     | 6,016,893  | 690,455                | 401,075   | 1,091,530  | 7,108,423   | 31,702,562    |
| Maintenance .....                     | 4,243,515          | 546,796     | 4,790,311  | 498,974                | 254,221   | 753,195    | 5,543,506   | 27,398,580    |
| General services and administration:  |                    |             |            |                        |           |            |             |               |
| Passenger service .....               | 1,717,754          | 67,215      | 1,784,969  | ..                     | ..        | ..         | ..          | ..            |
| Aircraft and traffic servicing .....  | 3,166,224          | 211,645     | 3,377,869  | ..                     | ..        | ..         | ..          | ..            |
| Promotion and sales .....             | 3,503,712          | 119,556     | 3,623,268  | ..                     | ..        | ..         | ..          | ..            |
| General administration .....          | 896,622            | 109,579     | 1,006,201  | ..                     | ..        | ..         | ..          | ..            |
| Totals .....                          | 9,284,312          | 507,995     | 9,792,307  | 251,505                | 149,529   | 401,034    | 10,193,341  | 48,556,576    |
| Depreciation and amortization .....   | 2,363,154          | 126,010     | 2,489,164  | 141,844                | 87,342    | 229,186    | 2,718,350   | 13,330,511    |
| Total operating expenses .....        | 21,226,300         | 1,862,375   | 23,088,675 | 1,582,778              | 892,167   | 2,474,945  | 25,563,620  | 120,988,229   |
| Operating income (loss) .....         | 1,718,695          | 101,219     | 1,819,914  | 144,432                | 135,750   | 280,182    | 2,100,096   | Dr. 3,846,726 |
| Non-operating income - Net:           |                    |             |            |                        |           |            |             |               |
| Capital gains and losses .....        | 5,137              | 51,312      | 56,449     | 26,655                 | -         | 26,655     | 83,104      | 415,361       |
| Interest and discounts .....          | 147,120            | 500         | 147,620    | 407                    | 6,185     | 6,592      | 154,212     | 726,446       |
| Miscellaneous non-operating income .. | 1,245              | 189         | 1,056      | Dr. 23,231             | Dr. 540   | Dr. 23,771 | Dr. 22,715  | 44,839        |
| Income before interest expense .....  | 1,872,197          | 152,842     | 2,025,039  | 148,263                | 141,395   | 289,658    | 2,314,697   | Dr. 2,660,080 |
| Interest expense .....                | 978,700            | 58,888      | 1,037,588  | 32,914                 | 39,532    | 72,446     | 1,110,034   | 5,298,583     |
| Income before income taxes .....      | 893,497            | 93,954      | 987,451    | 115,349                | 101,863   | 217,212    | 1,204,663   | Dr. 7,958,663 |
| Provision for income taxes .....      | -                  | -           | -          | 4,766                  | 2,960     | 7,726      | 7,726       | 44,375        |
| Net income after income taxes .....   | 893,497            | 93,954      | 987,451    | 110,583                | 98,903    | 209,486    | 1,196,937   | Dr. 8,003,038 |

(1) Group II non-scheduled carriers included with Group III for purposes of this report.  
(2) Data in Tables 3, 8 and 10 included in this table.

TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

May 1964

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|                                       | Canadian<br>Pacific<br>Air Lines | Eastern<br>Provincial<br>Airways<br>(1963) | Pacific<br>Western<br>Airlines | Quebecair<br>Inc. | Transair<br>Ltd. | Trans-<br>Canada<br>Air Lines | Total      | Year<br>to<br>date |
|---------------------------------------|----------------------------------|--|--------------------------------|-------------------|------------------|-------------------------------|------------|--------------------|
| dollars                               |                                  |  |                                |                   |                  |                               |            |                    |
| Operating revenues:                   |                                  |  |                                |                   |                  |                               |            |                    |
| Unit toll transportation:             |                                  |  |                                |                   |                  |                               |            |                    |
| Passengers .....                      | 4,070,514                        | 182,211                                    | 321,619                        | 252,732           | 136,523          | 14,625,785                    | 19,589,384 | 86,422,803         |
| Express .....                         | 16,730                           | 2,223                                      | 9,708                          | -                 | 2,875            | 326,775                       | 358,311    | 1,621,850          |
| Freight .....                         | 293,204                          | 109,235                                    | 66,462                         | 38,817            | 17,598           | 882,002                       | 1,407,318  | 6,303,032          |
| Excess baggage .....                  | 35,709                           | 5,107                                      | 6,881                          | 6,001             | 1,097            | 81,032                        | 135,827    | 614,156            |
| Mail .....                            | 254,611                          | 64,735                                     | 49,988                         | 6,500             | 24,500           | 936,861                       | 1,337,195  | 6,656,608          |
| Total unit toll transportation ..     | 4,670,768                        | 363,511                                    | 454,658                        | 304,050           | 182,593          | 16,852,455                    | 22,826,035 | 101,618,449        |
| Bulk transportation .....             | 333,082                          | 167,511                                    | 230,568                        | 6,819             | 197,311          | 829,441                       | 1,764,732  | 4,845,426          |
| Total transportation .....            | 5,003,850                        | 531,022                                    | 685,226                        | 310,869           | 379,904          | 17,681,896                    | 24,592,767 | 106,463,875        |
| Other flying services .....           | -                                | 43,392                                     | -                              | -                 | 798              | 8,860                         | 53,050     | 149,575            |
| Total flying services .....           | 5,003,850                        | 574,414                                    | 685,226                        | 310,869           | 380,702          | 17,690,756                    | 24,645,817 | 106,613,450        |
| Non-flying services .....             | 96,076                           | 140  | 2,912                          | 10,640            | 4,795            | 154,313                       | 262,772    | 1,073,575          |
| Total operating revenues .....        | 5,099,926                        | 574,274                                    | 688,314                        | 321,509           | 385,497          | 17,845,069                    | 24,908,589 | 107,687,025        |
| Operating expenses:                   |                                  |  |                                |                   |                  |                               |            |                    |
| Flying operations .....               | 1,739,797                        | 157,894                                    | 297,829                        | 80,896            | 144,955          | 3,595,522                     | 6,016,893  | 27,803,005         |
| Maintenance .....                     | 730,912                          | 179,181                                    | 148,967                        | 78,728            | 139,920          | 3,512,603                     | 4,790,311  | 24,352,920         |
| General services and administrations: |                                  |  |                                |                   |                  |                               |            |                    |
| Passenger service .....               | 410,910                          | 13,054                                     | 27,069                         | 11,015            | 16,077           | 1,306,844                     | 1,784,969  | 8,037,426          |
| Aircraft and traffic servicing .....  | 592,057                          | 86,012                                     | 85,385                         | 27,244            | 13,004           | 2,574,167                     | 3,377,869  | 16,513,799         |
| Promotion and sales .....             | 908,921                          | 5,687                                      | 28,624                         | 50,407            | 34,838           | 2,594,791                     | 3,623,268  | 17,113,144         |
| General administration .....          | 174,937                          | 26,009                                     | 40,261                         | 23,833            | 19,476           | 721,685                       | 1,006,201  | 4,957,906          |
| Totals .....                          | 2,086,825                        | 130,762                                    | 181,339                        | 112,499           | 83,395           | 7,197,487                     | 9,792,307  | 46,622,275         |
| Depreciation and amortization .....   | 186,890                          | 47,497                                     | 27,439                         | 30,891            | 20,183           | 2,176,264                     | 2,489,164  | 12,297,333         |
| Total operating expenses .....        | 4,744,424                        | 515,334                                    | 655,574                        | 303,014           | 388,453          | 16,481,676                    | 23,088,675 | 111,075,533        |
| Operating income (loss) .....         | 355,502                          | 58,940                                     | 26,740                         | 18,495            | 2,956            | 1,363,193                     | 1,819,914  | Dr. 3,388,508      |
| Non-operating income - Net:           |                                  |  |                                |                   |                  |                               |            |                    |
| Capital gains and losses .....        | 5,137                            | -  | 28,271                         | 23,592            | 551              | -                             | 56,449     | 281,216            |
| Interest and discounts .....          | 62,185                           | 379  | -                              | -                 | 121              | 84,935                        | 147,620    | 705,660            |
| Miscellaneous non-operating income .. | 1,110                            | Dr. 1,072                                  | 1,717                          | Dr. 778           | 56               | 135                           | 1,056      | 31,944             |
| Income before interest expense .....  | 423,934                          | 58,247                                     | 56,728                         | 41,309            | 3,442            | 1,448,263                     | 2,025,039  | Dr. 2,369,688      |
| Interest expense .....                | -                                | 30,017                                     | 9,472                          | 14,052            | 5,347            | 978,700                       | 1,037,588  | 5,064,172          |
| Income before income taxes .....      | 423,934                          | 28,230                                     | 47,256                         | 27,257            | 8,789            | 469,563                       | 987,451    | Dr. 7,433,860      |
| Provision for income taxes .....      | -                                | -  | -                              | -                 | -                | -                             | -          | -                  |
| Net income after income taxes .....   | 423,934                          | 28,230                                     | 47,256                         | 27,257            | 8,789            | 469,563                       | 987,451    | Dr. 7,433,860      |



TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

May 1964

|   | Group I carriers           |                        |             | Group II carriers                 |                             |                    |                   |            | Grand total |
|---|----------------------------|------------------------|-------------|-----------------------------------|-----------------------------|--------------------|-------------------|------------|-------------|
|   | Canadian Pacific Air Lines | Trans-Canada Air Lines | Total       | Eastern Provincial Airways (1963) | Pacific Western Airlines(1) | Quebecair Inc. (1) | Transair Ltd. (1) | Total (1)  |             |
| Revenue transportation services:                      |                            |                        |             |                                   |                             |                    |                   |            |             |
| Unit toll:  |                            |                        |             |                                   |                             |                    |                   |            |             |
| Departures .....                                      | 1,922                      | 11,405                 | 13,327      | 1,105                             | 1,370                       | 1,075              | 911               | 4,461      | 17,788      |
| Hours flown .....                                     | 3,375                      | 14,538                 | 17,913      | 1,057                             | 1,481                       | 897                | 1,742             | 5,177      | 23,090      |
| Miles scheduled .....                                 | 1,141,779                  | 3,994,927              | 5,136,706   | 54,743                            | 202,277                     | 106,857            | 88,063            | 451,940    | 5,588,646   |
| Miles flown:  |                            |                        |             |                                   |                             |                    |                   |            |             |
| Scheduled - Regular .....                             | 1,133,884                  | 3,982,975              | 5,116,859   | 53,288                            | 193,728                     | 102,449            | 84,188            | 433,653    | 5,550,512   |
| Extra section .....                                   | 10,262                     | 143,806                | 154,068     | 10,178                            | 8,549                       | 102                | 1,666             | 20,495     | 174,563     |
| Non-scheduled .....                                   | 46,459                     | -                      | 46,459      | 97,406                            | 27,148                      | 50,114             | 52,894            | 227,562    | 274,021     |
| Totals .....  | 1,190,605                  | 4,126,781              | 5,317,386   | 160,872                           | 229,425                     | 152,665            | 138,748           | 681,710    | 5,999,096   |
| Ratio of regular miles flown to miles scheduled ..... | 99.3                       | 99.7                   | 99.6        | 97.3                              | 95.8                        | 95.9               | 95.6              | 96.0       | 99.3        |
| Passengers carried .....                              | 41,151                     | 344,663                | 385,814     | 8,106                             | 14,106                      | 8,490              | 4,722             | 35,424     | 421,238     |
| Goods carried:  |                            |                        |             |                                   |                             |                    |                   |            |             |
| Freight .....   | 653,906                    | 5,505,705              | 6,159,611   | 616,274                           | 617,458                     | 181,731            | 109,255           | 1,524,718  | 7,684,329   |
| Express .....   | 72,070                     | 913,808                | 985,878     | 12,142                            | 28,453                      | -                  | 10,119            | 50,714     | 1,036,582   |
| Excess baggage .....                                  | 48,275                     | -                      | 48,275(2)   | 21,705                            | 22,794                      | 30,933             | 6,020             | 81,452     | 129,727     |
| Mail .....  | 220,388                    | 2,960,242              | 3,180,630   | 189,265                           | 157,972                     | 34,439             | 81,570            | 463,246    | 3,643,876   |
| Totals .....  | 994,639                    | 9,379,755              | 10,374,394  | 839,386                           | 826,677                     | 247,103            | 206,964           | 2,120,130  | 12,494,524  |
| Passenger-miles:                                      |                            |                        |             |                                   |                             |                    |                   |            |             |
| Scheduled .....                                       | 70,444,661                 | 239,387,136            | 309,831,797 | 457,564                           | 3,347,176                   | 1,722,358          | 1,295,165         | 6,822,263  | 316,654,060 |
| Non-scheduled .....                                   | 1,324,020                  | -                      | 1,324,020   | 1,478,609                         | 76,921                      | 985,774            | 252,052           | 2,793,356  | 4,117,376   |
| Totals .....  | 71,768,681                 | 239,387,136            | 311,155,817 | 1,936,173                         | 3,424,097                   | 2,708,132          | 1,547,217         | 9,615,619  | 320,771,436 |
| Available seat-miles on scheduled services .....      | 137,968,868                | 376,711,340            | 514,680,208 | 1,592,010                         | 8,422,277                   | 3,410,508          | 3,729,529         | 17,154,324 | 531,834,532 |
| Passenger load factor on scheduled services .....     | 51.1                       | 63.5                   | 60.2        | 28.7                              | 39.7                        | 50.5               | 34.7              | 39.8       | 59.5        |
| Goods ton-miles:                                      |                            |                        |             |                                   |                             |                    |                   |            |             |
| Freight - Scheduled .....                             | 876,852                    | 3,435,123              | 4,311,975   | 105,749                           | 168,910                     | 21,614             | 5,964             | 302,237    | 4,614,212   |
| Non-scheduled .....                                   | 2,651                      | -                      | 2,651       | 35,929                            | 2,948                       | 13,563             | 14,445            | 66,885     | 69,536      |
| Totals .....  | 879,503                    | 3,435,123              | 4,314,626   | 141,678                           | 171,858                     | 35,177             | 20,409            | 369,122    | 4,683,748   |
| Express - Scheduled .....                             | 19,122                     | 355,183                | 374,305     | 8,454                             | 7,069                       | -                  | 2,070             | 17,593     | 391,898     |
| Non-scheduled .....                                   | 777                        | -                      | 777         | 1,167                             | -                           | -                  | 453               | 1,620      | 2,397       |
| Totals .....  | 19,899                     | 355,183                | 375,082     | 9,621                             | 7,069                       | -                  | 2,523             | 19,213     | 394,295     |

See footnotes at end of table.



TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Continued

May 1964

|   | Group I carriers           |                        |             | Group II carriers                 |                             |                    |                   |            | Grand total |
|---|----------------------------|------------------------|-------------|-----------------------------------|-----------------------------|--------------------|-------------------|------------|-------------|
|   | Canadian Pacific Air Lines | Trans-Canada Air Lines | Total       | Eastern Provincial Airways (1963) | Pacific Western Airlines(1) | Quebecair Inc. (1) | Transair Ltd. (1) | Total(1)   |             |
| Revenue transportation services - Concluded:      |                            |                        |             |                                   |                             |                    |                   |            |             |
| Unit toll - Concluded:                            |                            |                        |             |                                   |                             |                    |                   |            |             |
| Goods ton-miles - Concluded:                      |                            |                        |             |                                   |                             |                    |                   |            |             |
| Excess baggage - Scheduled .....                  | 53,466                     | 167,127                | 220,593     | 386                               | 3,668                       | 2,768              | 1,004             | 7,826      | 228,419     |
| Non-scheduled ..                                  | 196                        | -                      | 196         | 5,103                             | 76                          | 3,275              | 206               | 8,660      | 8,856       |
| Totals .....                                      | 53,662                     | 167,127                | 220,789     | 5,489                             | 3,744                       | 6,043              | 1,210             | 16,486     | 237,275     |
| Mail - Scheduled .....                            | 222,149                    | 1,188,410              | 1,410,559   | 9,425                             | 41,573                      | 3,017              | 4,977             | 58,992     | 1,469,551   |
| Non-scheduled ..                                  | 4,173                      | -                      | 4,173       | 18,366                            | 257                         | 1,675              | 6,091             | 26,589     | 30,762      |
| Totals .....                                      | 226,322                    | 1,188,410              | 1,414,732   | 27,991                            | 41,830                      | 4,692              | 11,068            | 85,581     | 1,500,313   |
| Total - Scheduled .....                           | 1,171,589                  | 5,145,843              | 6,317,432   | 124,014                           | 221,220                     | 27,399             | 14,015            | 386,648    | 6,704,080   |
| Non-scheduled ..                                  | 7,797                      | -                      | 7,797       | 60,765                            | 3281                        | 18,513             | 21,195            | 103,754    | 111,551     |
| Totals .....                                      | 1,179,386                  | 5,145,843              | 6,325,229   | 184,779                           | 224,501                     | 45,912             | 35,210            | 490,402    | 6,815,631   |
| Available ton-miles on scheduled services .....   | 17,817,734                 | 53,356,009             | 71,173,743  | 426,056                           | 1,119,829                   | 336,941            | 374,298           | 2,257,124  | 73,430,867  |
| Weight load factor on scheduled services(3) ..... | 46.1                       | 54.5                   | 52.4        | 39.8                              | 49.6                        | 59.2               | 38.3              | 47.4       | 52.3        |
| Bulk:   |                            |                        |             |                                   |                             |                    |                   |            |             |
| Departures .....                                  | 48                         | 175                    | 223         | 796                               | 1,273                       | 29                 | 432               | 2,530      | 2,753       |
| Hours flown .....                                 | 254                        | 659                    | 913         | 1,135                             | 1,211                       | 36                 | 738               | 3,120      | 4,033       |
| Miles flown .....                                 | 120,629                    | 297,693                | 418,322     | 110,946                           | 165,833                     | 4,938              | 118,051           | 399,768    | 818,090     |
| Passengers carried .....                          | 2,865                      | 8,830                  | 11,695      | 1,797                             | 3,562                       | 178                | 929               | 6,466      | 18,161      |
| Freight carried .....                             | -                          | -                      | -           | 201,658                           | 717,096                     | 7,000              | 708,948           | 1,634,702  | 1,634,702   |
| Passenger-miles(4) .....                          | 10,390,813                 | 26,670,852             | 37,061,665  | 350,428                           | 3,122,533                   | 117,099            | 815,452           | 4,405,512  | 41,467,177  |
| Goods ton-miles(4) .....                          | -                          | -                      | -           | 21,396                            | 84,718                      | 5,855              | 314,292           | 426,261    | 426,261     |
| Revenue non-transportation services:              |                            |                        |             |                                   |                             |                    |                   |            |             |
| Specialty flying - Hours flown .....              | -                          | 33                     | 33          | 154                               | -                           | -                  | 9                 | 163        | 196         |
| Total - All services:                             |                            |                        |             |                                   |                             |                    |                   |            |             |
| Traffic, hours and miles:(5)                      |                            |                        |             |                                   |                             |                    |                   |            |             |
| Revenue:  |                            |                        |             |                                   |                             |                    |                   |            |             |
| Departures .....                                  | 1,970                      | 11,380                 | 13,350      | 1,901                             | 2,643                       | 1,104              | 1,343             | 6,991      | 20,541      |
| Hours flown .....                                 | 3,629                      | 15,230                 | 18,859      | 2,346                             | 2,692                       | 933                | 2,489             | 8,460      | 27,319      |
| Miles flown .....                                 | 1,311,234                  | 4,424,674              | 5,735,708   | 271,818                           | 395,258                     | 157,603            | 256,799           | 1,081,478  | 6,817,186   |
| Passengers carried .....                          | 44,016                     | 353,493                | 397,509     | 9,903                             | 17,668                      | 8,668              | 5,651             | 41,890     | 439,399     |
| Cargo carried .....                               | 725,976                    | 6,419,513              | 7,145,489   | 830,074                           | 1,363,007                   | 188,731            | 828,322           | 3,210,134  | 10,355,623  |
| Goods carried .....                               | 994,659                    | 9,379,755              | 10,374,394  | 1,041,044                         | 1,543,773                   | 254,103            | 915,912           | 3,754,832  | 14,129,226  |
| Passenger-miles(4) .....                          | 82,159,494                 | 266,057,988            | 348,217,482 | 2,286,601                         | 6,546,630                   | 2,825,231          | 2,362,669         | 14,021,131 | 362,438,613 |
| Goods ton-miles(4) .....                          | 1,179,386                  | 5,145,843              | 6,325,229   | 206,175                           | 309,219                     | 51,767             | 349,502           | 916,663    | 7,241,892   |

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

May 1964

|  | Group I carriers           |                        |            | Group II carriers                 |                             |                    |                   |          | Grand total |
|--|----------------------------|------------------------|------------|-----------------------------------|-----------------------------|--------------------|-------------------|----------|-------------|
|  | Canadian Pacific Air Lines | Trans-Canada Air Lines | Total      | Eastern Provincial Airways (1963) | Pacific Western Airlines(1) | Quebecair Inc. (1) | Transair Ltd. (1) | Total(1) |             |
| Total - All services - Concluded:        |                            |                        |            |                                   |                             |                    |                   |          |             |
| Traffic, hours and miles - Concluded:(5) |                            |                        |            |                                   |                             |                    |                   |          |             |
| Non-revenue:                             |                            |                        |            |                                   |                             |                    |                   |          |             |
| Hours flown .....                        | 124                        | 297                    | 421        | 104                               | 283                         | 30                 | 83                | 500      | 921         |
| Passengers carried .....                 | 1,606                      | ..                     | 1,606(2)   | 249                               | 374                         | 189                | 131               | 943      | 2,549(2)    |
| Goods carried .....                      | 134,923                    | ..                     | 134,923(2) | 44,299                            | 30,367                      | -                  | 13,698            | 88,364   | 223,287(2)  |
| Passenger-miles .....                    | 2,937,466                  | 12,552,822             | 15,490,288 | 49,393                            | 128,436                     | 49,322             | 74,258            | 301,429  | 15,791,717  |
| Goods ton-miles .....                    | 182,670                    | 477,495                | 660,165    | 12,408                            | 9,466                       | -                  | 3,785             | 23,659   | 685,824     |
| Fuel and oil consumed:                   |                            |                        |            |                                   |                             |                    |                   |          |             |
| Turbo fuel - Quantity .....              | 3,675,422                  | 12,131,055             | 15,806,477 | 95,600                            | -                           | 134,323            | 31,931            | 261,854  | 16,068,331  |
| Cost .....                               | 602,354                    | 1,612,318              | 2,214,672  | 22,944                            | -                           | 28,208             | 8,516             | 59,668   | 2,274,340   |
| Gasoline - Quantity .....                | 423,026                    | -                      | 423,026    | 146,124                           | 344,447                     | 29,179             | 182,231           | 701,981  | 1,130,007   |
| Cost .....                               | 118,688                    | -                      | 118,688    | 51,612                            | 122,907                     | 9,775              | 70,521            | 254,815  | 373,503     |
| Turbo oil - Quantity .....               | 368                        | 2,791                  | 3,159      | 48                                | -                           | 238                | -                 | 286      | 3,445       |
| Cost .....                               | 3,097                      | 29,917                 | 33,014     | 720                               | -                           | 838                | -                 | 1,558    | 34,572      |
| Other oil - Quantity .....               | 4,827                      | 4,827                  | 4,827      | 2,199                             | 3,825                       | 671                | 2,191             | 8,886    | 13,713      |
| Cost .....                               | 4,774                      | -                      | 4,774      | 2,809                             | 4,782                       | 537                | 2,191             | 10,319   | 15,093      |
| Average number of employees:             |                            |                        |            |                                   |                             |                    |                   |          |             |
| Pilots and co-pilots .....               | 198                        | 610                    | 808        | 65                                | 88                          | 28                 | 44                | 225      | 1,033       |
| Other flight personnel .....             | 260                        | 709                    | 969        | 9                                 | 52                          | 14                 | 21                | 96       | 1,065       |
| General management .....                 | 119                        | 64                     | 183        | 34                                | 50                          | 48                 | 18                | 150      | 333         |
| Maintenance labour .....                 | 527                        | 2,540                  | 3,067      | 171                               | 189                         | 67                 | 104               | 531      | 3,598       |
| Aircraft and traffic servicing .....     | 841                        | 3,838                  | 4,679      | 117                               | 97                          | 112                | 47                | 373      | 5,052       |
| Other personnel .....                    | 676                        | 3,848                  | 4,524      | 1                                 | 17                          | 8                  | 49                | 75       | 4,599       |
| Total employees .....                    | 2,621                      | 11,609                 | 14,230     | 397                               | 493                         | 277                | 283               | 1,450    | 15,680      |
| Salaries and wages:                      |                            |                        |            |                                   |                             |                    |                   |          |             |
| Pilots and co-pilots .....               | 290,444                    | 775,161                | 1,065,605  | 45,186                            | 65,362                      | 22,758             | 36,018            | 169,324  | 1,234,929   |
| Other flight personnel .....             | 123,471                    | 333,437                | 456,908    | 2,851                             | 20,699                      | 3,550              | 7,045             | 34,145   | 491,053     |
| General management .....                 | 99,374                     | 110,550                | 209,924    | 15,958                            | 22,845                      | 3,871              | 11,828            | 71,655   | 281,579     |
| Maintenance labour .....                 | 256,411                    | 1,295,271              | 1,551,682  | 81,358                            | 90,951                      | 33,871             | 36,512            | 242,692  | 1,794,374   |
| Aircraft and traffic servicing .....     | 352,501                    | 1,881,764              | 2,234,265  | 38,089                            | 58,226                      | 39,968             | 17,858            | 154,141  | 2,388,406   |
| Other personnel .....                    | 263,248                    | 1,992,896              | 2,256,144  | 270                               | 5,003                       | 3,688              | 11,508            | 20,469   | 2,276,613   |
| Total salaries and wages .....           | 1,385,449                  | 6,389,079              | 7,774,528  | 183,712                           | 263,086                     | 124,859            | 120,769           | 692,426  | 8,466,954   |

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Excludes Trans-Canada Air Lines.

(3) Standard passenger weight used: 200 pounds.

(4) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(5) These data exclude non-transportation services, except for hours flown.

TABLE 5. Revenue Interline Traffic(1), Canadian Scheduled Carriers - All Services, by Company

May 1964

|                                | Canadian<br>Pacific<br>Air Lines | Eastern<br>Provincial<br>Airways<br>(1963) | Pacific<br>Western<br>Airlines | Quebecair<br>Inc. | Transair<br>Ltd. | Trans-<br>Canada<br>Air Lines | Total      |
|--------------------------------|----------------------------------|--|--------------------------------|-------------------|------------------|-------------------------------|------------|
| <b>Passengers carried:</b>     |                                  |  |                                |                   |                  |                               |            |
| Originated .....               | No.                              |  |                                |                   |                  |                               |            |
| Domestic interline .....       | 34,608                           | 5,813                                      | 13,429                         | 8,490             | 4,275            | 283,742                       | 350,357    |
| " .....                        | 2,864                            | 2,245                                      | -                              | -                 | -                | 60,921                        | 69,570     |
| Foreign interline .....        | 3,540                            | -  | -                              | -                 | -                | -                             | -          |
| Totals(2) .....                | 41,012                           | 8,058                                      | 13,429                         | 8,490             | 4,275            | 344,663                       | 419,927    |
| <b>Express carried:</b>        |                                  |  |                                |                   |                  |                               |            |
| Originated .....               | 1b.                              |  |                                |                   |                  |                               |            |
| Domestic interline .....       | 72,070                           | 12,142                                     | 28,453                         | -                 | 10,119           | 913,808                       | 1,036,592  |
| " .....                        | -                                | -  | -                              | -                 | -                | -                             | -          |
| Foreign interline .....        | -                                | -  | -                              | -                 | -                | -                             | -          |
| Totals(2) .....                | 72,070                           | 12,142                                     | 28,453                         | -                 | 10,119           | 913,808                       | 1,036,592  |
| <b>Freight carried:</b>        |                                  |  |                                |                   |                  |                               |            |
| Originated .....               |                                  |  |                                |                   |                  |                               |            |
| Domestic interline .....       | 555,172                          | 616,274                                    | 580,855                        | 181,731           | 55,042           | 5,505,705                     | 7,494,779  |
| " .....                        | 12,257                           | -  | -                              | -                 | -                | -                             | 12,257     |
| Foreign interline .....        | 31,909                           | -  | -                              | -                 | -                | -                             | 31,909     |
| Totals(2) .....                | 599,338                          | 616,274                                    | 580,855                        | 181,731           | 55,042           | 5,505,705                     | 7,538,945  |
| <b>Excess baggage carried:</b> |                                  |  |                                |                   |                  |                               |            |
| Originated .....               |                                  |  |                                |                   |                  |                               |            |
| Domestic interline .....       | 48,275                           | 21,705                                     | 21,496                         | 30,933            | 5,294            | -                             | 127,703(3) |
| " .....                        | -                                | -  | -                              | -                 | -                | -                             | -          |
| Foreign interline .....        | -                                | -  | -                              | -                 | -                | -                             | -          |
| Totals(2) .....                | 48,275                           | 21,705                                     | 21,496                         | 30,933            | 5,294            | -                             | 127,703(3) |
| <b>Mail carried:</b>           |                                  |  |                                |                   |                  |                               |            |
| Originated .....               |                                  |  |                                |                   |                  |                               |            |
| Domestic interline .....       | 220,388                          | 130,945                                    | 155,370                        | 34,439            | 24,869           | 2,960,442                     | 3,526,453  |
| " .....                        | -                                | -  | -                              | -                 | -                | -                             | -          |
| Foreign interline .....        | -                                | -  | -                              | -                 | -                | -                             | -          |
| Totals(2) .....                | 220,388                          | 130,945                                    | 155,370                        | 34,439            | 24,869           | 2,960,442                     | 3,526,453  |

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Board.

(2) Excludes division interline.

(3) Excludes Trans-Canada Air Lines.

TABLE 6. Operating Statistics, Canadian International Carriers - All Revenue Services, by area of Service

May 1964

|  | Trans-<br>Border<br>Services | Trans-<br>Atlantic<br>and Polar<br>Services | Southern<br>Services | Pacific<br>and<br>Orient<br>Services | Total<br>International<br>Services | Domestic<br>Services | Grand<br>total |
|--|------------------------------|---|----------------------|--------------------------------------|------------------------------------|----------------------|----------------|
| <b>Unit toll:</b>  |                              |   |                      |                                      |                                    |                      |                |
| Departures .....   | 1,947                        | 328   | 442                  | 96                                   | 2,813                              | 10,514               | 13,327         |
| Hours flown .....  | 2,631                        | 1,297                                       | 1,288                | 605                                  | 5,821                              | 12,092               | 17,913         |
| Miles scheduled .....  | 598,328                      | 608,103                                     | 528,023              | 277,276                              | 2,011,730                          | 3,124,976            | 5,136,706      |
| <b>Miles flown:</b>  |                              |   |                      |                                      |                                    |                      |                |
| Scheduled .....  | 595,608                      | 603,066                                     | 525,813              | 277,276                              | 2,001,763                          | 3,115,096            | 5,116,859      |
| Extra sections .....   | 32,685                       | 20,917                                      | 11,352               | -                                    | 64,954                             | 89,114               | 154,068        |
| Non-scheduled .....  | -                            | -   | -                    | -                                    | -                                  | 46,459               | 46,459         |
| Totals .....   | 628,293                      | 623,983                                     | 537,165              | 277,276                              | 2,066,717                          | 3,250,669            | 5,317,386      |
| <b>Ratio of regular miles flown to miles scheduled .....</b> | 99.5                         | 99.1  | 99.6                 | 100.0                                | 99.5                               | 99.7                 | 99.6           |
| <b>Passengers carried .....</b>                              | ...                          | ...   | ...                  | ...                                  | 133,429                            | 252,385              | 385,814        |
| Cargo carried .....  | ...                          | ...   | ...                  | ...                                  | 2,978,839                          | 4,166,650            | 7,145,489      |
| Mail carried .....   | ...                          | ...   | ...                  | ...                                  | 380,282                            | 2,800,348            | 3,180,630      |
| <b>Passenger-miles .....</b>                                 | 34,983,997                   | 55,541,477                                  | 33,148,485           | 16,114,559                           | 139,788,518                        | 171,367,299          | 311,155,817    |
| <b>Available seat-miles on scheduled services .....</b>      | 54,755,925                   | 82,239,984                                  | 68,869,419           | 35,639,041                           | 241,504,369                        | 273,175,839          | 514,680,208    |
| <b>Passenger load factor on scheduled services .....</b>     | 63.4                         | 67.5  | 48.1                 | 45.2                                 | 57.9                               | 61.2                 | 60.2           |
| <b>Goods ton-miles:</b>                                      |                              |   |                      |                                      |                                    |                      |                |
| Express .....  | 57,160                       | -   | -                    | -                                    | 57,160                             | 317,922              | 375,082        |
| Freight .....  | 293,290                      | 933,029                                     | 458,388              | 341,504                              | 2,026,211                          | 2,288,415            | 4,314,626      |
| Excess baggage .....   | 19,197                       | 29,406                                      | 34,995               | 16,018                               | 99,616                             | 121,173              | 220,789        |
| Mail .....   | 39,779                       | 133,923                                     | 81,115               | 117,244                              | 372,061                            | 1,042,671            | 1,414,732      |
| Totals .....   | 409,426                      | 1,096,358                                   | 574,498              | 474,766                              | 2,555,048                          | 3,770,181            | 6,325,229      |
| <b>Available ton-miles on scheduled service ....</b>         | 6,861,225                    | 12,030,767                                  | 8,672,542            | 4,631,298                            | 32,195,832                         | 38,977,911           | 71,173,743     |
| <b>Weight load factor on scheduled services(1) .....</b>     | 57.0                         | 55.3  | 44.8                 | 45.0                                 | 51.4                               | 52.6                 | 52.4           |
| <b>Bulk:</b>   |                              |   |                      |                                      |                                    |                      |                |
| Departures .....   | 77                           | 382   | 4                    | -                                    | 463                                | ...                  | ...            |
| Hours flown .....  | 123                          | 1,443                                       | 24                   | -                                    | 1,590                              | ...                  | ...            |
| Miles flown .....  | 27,166                       | 508,146                                     | 6,728                | -                                    | 542,040                            | ...                  | ...            |
| Passengers carried .....                                     | 946                          | 13,232                                      | 163                  | -                                    | 14,341                             | ...                  | ...            |
| Goods carried .....  | 900                          | 93,897                                      | -                    | -                                    | 94,737                             | ...                  | ...            |
| Passenger-miles(2) .....                                     | ...                          | ...   | ...                  | -                                    | 44,561,705                         | ...                  | ...            |
| Goods ton-miles(2) .....                                     | -                            | 13,852                                      | -                    | -                                    | 13,852                             | ...                  | ...            |
| <b>Total:</b>  |                              |   |                      |                                      |                                    |                      |                |
| Departures .....   | 2,024                        | 710   | 446                  | 96                                   | 3,276                              | ...                  | ...            |
| Hours flown .....  | 2,754                        | 2,740                                       | 1,312                | 605                                  | 7,411                              | ...                  | ...            |
| Miles flown .....  | 655,459                      | 1,132,129                                   | 543,893              | 277,276                              | 2,608,757                          | ...                  | ...            |
| Passengers carried .....                                     | ...                          | ...   | ...                  | ...                                  | ...                                | ...                  | ...            |
| Goods carried .....  | ...                          | ...   | ...                  | ...                                  | ...                                | ...                  | ...            |
| Passenger-miles(2) .....                                     | ...                          | ...   | ...                  | ...                                  | ...                                | ...                  | ...            |
| Goods ton-miles(2) .....                                     | 409,426                      | 1,110,210                                   | 574,498              | 474,766                              | 2,568,900                          | ...                  | ...            |

(1) Standard passenger weight used: 200 pounds.

(2) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

TABLE 7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)

May 1964

|  |     | United States              |                 |           | Europe                    |                 |           |
|--|-----|----------------------------|-----------------|-----------|---------------------------|-----------------|-----------|
|  |     | To                         | From            | Total     | To                        | From            | Total     |
| Passengers carried:                          |     |                            |                 |           |                           |                 |           |
| Unit toll .....                              | No. | 77,966                     | 82,313          | 160,279   | 19,376                    | 20,346          | 39,722    |
| Bulk .....                                   | "   | 437                        | 508             | 945       | 8,503                     | 4,345           | 12,848    |
| Totals .....                                 | "   | 78,403                     | 82,821          | 161,224   | 27,879                    | 24,691          | 52,570    |
| Freight, express and excess baggage carried: |     |                            |                 |           |                           |                 |           |
| Unit toll .....                              | lb. | 531,349                    | 2,406,184       | 2,937,533 | 595,973                   | 1,169,125       | 1,765,098 |
| Bulk .....                                   | "   | -                          | -               | -         | -                         | -               | -         |
| Totals .....                                 | "   | 531,349                    | 2,406,184       | 2,937,533 | 595,973                   | 1,169,125       | 1,765,098 |
| Mail carried (unit toll) .....               | "   | 131,194                    | 238,685         | 369,879   | 120,858                   | 134,535         | 255,393   |
|  |     | All other areas            |                 |           | Totals                    |                 |           |
|  |     | To                         | From            | Total     | To                        | From            | Total     |
| Passengers carried:                          |     |                            |                 |           |                           |                 |           |
| Unit toll .....                              | No. | 3,693                      | 5,884           | 9,577     | 101,035                   | 108,543         | 209,578   |
| Bulk .....                                   | "   | -                          | -               | -         | 8,940                     | 4,853           | 13,793    |
| Totals .....                                 | "   | 3,693                      | 5,884           | 9,577     | 109,975                   | 113,396         | 223,371   |
| Freight, express and excess baggage carried: |     |                            |                 |           |                           |                 |           |
| Unit toll .....                              | lb. | 179,052                    | 120,476         | 299,528   | 1,306,374                 | 3,695,785       | 5,002,159 |
| Bulk .....                                   | "   | -                          | -               | -         | -                         | -               | -         |
| Totals .....                                 | "   | 179,052                    | 120,476         | 299,528   | 1,306,374                 | 3,695,785       | 5,002,159 |
| Mail carried (unit toll) .....               | "   | 18,481                     | 27,070          | 45,551    | 270,533                   | 400,290         | 670,823   |
|  |     | Total by Canadian carriers |                 |           | Total by Foreign carriers |                 |           |
|  |     | Leaving Canada             | Entering Canada | Total     | Leaving Canada            | Entering Canada | Total     |
| Passengers carried:                          |     |                            |                 |           |                           |                 |           |
| Unit toll .....                              | No. | 61,467                     | 68,303          | 129,770   | 39,568                    | 40,240          | 79,808    |
| Bulk .....                                   | "   | 6,781                      | 3,858           | 10,639    | 2,159                     | 995             | 3,154     |
| Totals .....                                 | "   | 68,248                     | 72,161          | 140,409   | 41,727                    | 41,235          | 82,962    |
| Freight, express and excess baggage carried: |     |                            |                 |           |                           |                 |           |
| Unit toll .....                              | lb. | 783,008                    | 2,051,923       | 2,834,931 | 523,366                   | 1,643,862       | 2,167,228 |
| Bulk .....                                   | "   | -                          | -               | -         | -                         | -               | -         |
| Totals .....                                 | "   | 783,008                    | 2,051,923       | 2,834,931 | 523,366                   | 1,643,862       | 2,167,228 |
| Mail carried (unit toll) .....               | "   | 167,981                    | 186,656         | 354,637   | 102,552                   | 213,634         | 316,186   |

(1) Passengers and goods in transit through Canada are excluded.



TABLE 8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service

May 1964

| Type of service:                     | Fixed wing aircraft |                |               |                | Helicopters   |                |               |                |
|--------------------------------------|---------------------|----------------|---------------|----------------|---------------|----------------|---------------|----------------|
|                                      | Month               |                | Year to date  |                | Month         |                | Year to date  |                |
|                                      | Revenue hours       | Revenue earned | Revenue hours | Revenue earned | Revenue hours | Revenue earned | Revenue hours | Revenue earned |
|                                      | No.                 | \$             | No.           | \$             | No.           | \$             | No.           | \$             |
| Aerial advertising .....             | 2                   | 170            | 2             | 170            | 10            | 900            | 124           | 12,147         |
| Aerial fish cultivation .....        | -                   | -              | -             | -              | -             | -              | -             | -              |
| Aerial patrol and inspection .....   | 801                 | 99,339         | 3,160         | 393,033        | 480           | 53,118         | 1,573         | 176,957        |
| Aerial pest control .....            | 228                 | 18,635         | 414           | 28,413         | -             | -              | -             | -              |
| Aerial photography and survey .....  | 464                 | 47,025         | 1,273         | 129,899        | -             | -              | 86            | 2,195          |
| Aerial photography (excl. survey) .. | 133                 | 14,213         | 285           | 20,969         | 14            | 1,163          | 58            | 5,080          |
| Aircraft rental .....                | 112                 | 1,740          | 378           | 14,279         | -             | -              | 3             | 250            |
| Flying training .....                | 3,251               | 54,194         | 12,361        | 213,293        | -             | -              | 209           | 15,750         |
| Geophysical survey .....             | 663                 | 60,936         | 3,158         | 344,486        | 47            | 5,330          | 67            | 9,247          |
| Non-transportation charter .....     | 47                  | 6,765          | 510           | 22,023         | -             | -              | 2             | 509            |
| Philanthropic .....                  | -                   | -              | -             | -              | -             | -              | -             | -              |
| Recreational flying .....            | 1,220               | 27,736         | 4,294         | 88,471         | 4             | 360            | 34            | 4,537          |
| Specialty flying - Other .....       | -                   | -              | 83            | 10,602         | -             | -              | 16            | 2,771          |
| Totals .....                         | 6,921               | 330,753        | 25,918        | 1,265,638      | 555           | 60,871         | 2,172         | 229,443        |

TABLE 9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV

May 1964

|                                       | Carriers operating helicopters only |              | Carriers operating both helicopters and fixed wing aircraft |              | Total   |              |
|---------------------------------------|-------------------------------------|--------------|---|--------------|---------|--------------|
|                                       | Month                               | Year to date | Month   | Year to date | Month   | Year to date |
| Carriers reporting .....              | No. 13                              | ...          | 7   | ...          | 20      | ...          |
| Helicopters - Owned .....             | " 117                               | 113          | 9   | 11           | 126     | 124          |
| Leased .....                          | " 9                                 | 7            | 3   | 2            | 12      | 9            |
| Totals .....                          | " 126                               | 120          | 12  | 13           | 138     | 133          |
| Revenue hours flown - Unit toll ..... | " 8                                 | 24           | -   | -            | 8       | 24           |
| Bulk .....                            | " 3,018                             | 8,806        | 358   | 949          | 3,375   | 9,755        |
| Specialty .....                       | " 430                               | 1,704        | 125   | 466          | 555     | 2,170        |
| Totals .....                          | " 3,456                             | 10,534       | 482   | 1,415        | 3,938   | 11,949       |
| Non-revenue hours flown .....         | " 281                               | 887          | 30  | 110          | 311     | 997          |
| Fuel and oil consumed:                |                                     |              |   |              |         |              |
| Gasoline .....                        | gal. 63,771                         | 195,015      | 10,013  | 30,003       | 73,784  | 225,018      |
| Cost .....                            | \$ 28,023                           | 84,906       | 4,483   | 13,392       | 31,506  | 98,298       |
| Oil .....                             | gal. 902                            | 4,746        | 231   | 660          | 1,133   | 5,406        |
| Cost .....                            | \$ 2,587                            | 9,100        | 298   | 849          | 2,885   | 9,949        |
| Average number of employees:          |                                     |              |   |              |         |              |
| Pilots .....                          | No. 124                             | 104          | 12  | 13           | 136     | 117          |
| Administrative .....                  | " 42                                | 46           | 1   | 2            | 43      | 48           |
| Maintenance labour .....              | " 114                               | 107          | 6   | 8            | 120     | 115          |
| Other personnel .....                 | " 10                                | 8            | -   | -            | 10      | 8            |
| Totals .....                          | " 290                               | 265          | 19  | 23           | 309     | 288          |
| Salaries and wages:                   |                                     |              |   |              |         |              |
| Pilots .....                          | \$ 91,873                           | 335,840      | 7,938   | 43,097       | 99,811  | 378,937      |
| Administrative .....                  | \$ 26,100                           | 137,334      | 900   | 5,670        | 27,000  | 143,004      |
| Maintenance labour .....              | \$ 62,888                           | 259,014      | 3,653   | 21,767       | 66,541  | 280,781      |
| Other personnel .....                 | \$ 2,466                            | 12,719       | -   | -            | 2,466   | 12,719       |
| Totals .....                          | \$ 183,327                          | 744,907      | 12,491  | 70,534       | 195,818 | 815,441      |

TABLE 10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV  
May 1964

|  | Current month | Year to date |
|--|---------------|--------------|
|  | dollars       |              |
| Operating revenues:                      |               |              |
| Unit toll transportation:                |               |              |
| Passengers .....                         | 16            | 102          |
| Express .....                            | -             | -            |
| Freight .....                            | -             | -            |
| Excess baggage .....                     | -             | -            |
| Mail .....                               | -             | -            |
| Total unit toll transportation .....     | 16            | 102          |
| Bulk transportation .....                | 442,083       | 1,161,206    |
| Total transportation .....               | 442,099       | 1,161,308    |
| Other flying services .....              | 30,954        | 151,806      |
| Total flying services .....              | 473,053       | 1,313,114    |
| Non-flying services .....                | Dr. 15,078    | Dr. 16,162   |
| Total operating revenues .....           | 457,975       | 1,329,276    |
| Operating expenses:                      |               |              |
| Flying operations .....                  | 205,469       | 700,487      |
| Maintenance .....                        | 108,191       | 462,900      |
| General service and administration ..... | 36,773        | 312,874      |
| Depreciation and amortization .....      | 48,639        | 201,377      |
| Total operating expenses .....           | 399,072       | 1,677,638    |
| Operating income (deficit) .....         | 58,903        | Dr. 348,362  |
| Non-operating income:                    |               |              |
| Capital gains and losses .....           | Dr. 46        | 10,044       |
| Interest and discounts .....             | 1             | 4,486        |
| Miscellaneous non-operating income ..... | Dr. 23,094    | 39,453       |
| Income before interest expense .....     | 35,764        | Dr. 294,379  |
| Interest expense .....                   | 23,406        | 56,737       |
| Income before income taxes .....         | 12,358        | Dr. 351,116  |
| Provision for income taxes .....         | -             | -            |
| Net income after income taxes .....      | 12,358        | Dr. 351,116  |

CIVIL AVIATION DEFINITIONS(1)

Bulk Transportation:

- (1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4); and
- (2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).

Classification of Canadian Carriers by Groups

- Group I Carriers: Canadian Air Carriers licensed to perform both domestic and international scheduled services. (Trans-Canada Air Lines and Canadian Pacific Air Lines Ltd.).
- Group II Carriers: Canadian Air Carriers other than Group I carriers licensed to perform domestic scheduled services and Nordair Ltd.(2).
- Group III Carriers: Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$500,000 or over (excepting air carriers included in Group I and II).
- Group IV Carriers: Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$100,000 and over, but less than \$500,000.
- Group V Carriers: Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of less than \$100,000.

Cargo:

Air freight and air express (excluding mail and excess baggage).

Carrier, Air:

Any person who operates aircraft in or over Canada for hire or reward.

Non-Scheduled Carriers: Carriers not operating any scheduled (Class I) service.

Scheduled Carriers: Air Carriers serving designated points in accordance with a service schedule and at a toll per unit.

- 
- (1) Reference to Classes refers to the classification of air carriers as defined by the Air Transport Board and published in the "Directory of Canadian Commercial Air Services" Queen's Printer, Ottawa.
  - (2) For statistical purposes in this report, Nordair Ltd. is included with Group III carriers.

Freedoms of the Air:

- First Freedom: The privilege to fly over the territory of a foreign country without landing.
- Second Freedom: The privilege to land on the territory of a foreign country for non-traffic purposes.
- Third Freedom: The privilege to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
- Fourth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
- Fifth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the privilege to put down in a foreign country, passengers, mail and cargo coming from any such territory.

Goods: Air Cargo (freight and express) plus mail and excess baggage.

Interline Traffic:

- Domestic Interline: Passengers and goods received by a carrier at Canadian points from other Canadian Air Carriers.
- Foreign Interline: Passengers and goods received by a carrier from Foreign Air Carriers.
- Divisional Interline: Passengers and goods received from other operating divisions of the same carrier.

International Services:

- Trans-Border Services: Services between Canada and the United States.
- Southern Services: Services between Canada and Bermuda, the Caribbean, Mexico, Central or South America.
- Trans-Atlantic and Polar Services: Services between Canada and Europe.
- Pacific and Orient Services: Services between Canada and points in the Pacific Ocean or the Orient.

Load Capacity Available: Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, stewards' supplies, etc.

|                                   |  |
|-----------------------------------|--|
| <u>Load Factor, Passenger:</u>    | Ratio of revenue passenger-miles performed to available seat-miles.  |
| <u>Load Factor, Weight:</u>       | - See Weight, Load-Factor.   |
| <u>Miles:</u>                     | Statute miles of 5,280 ft.   |
| <u>Passenger:</u>                 | A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger. A round trip passenger is counted as two passengers.   |
| <u>Passenger Load-Factor:</u>     | - See Load Factor, Passenger.  |
| <u>Passenger-Mile:</u>            | The transportation of one passenger one mile.  |
| <u>Non-Revenue Passenger:</u>     | A child or adult carried on a revenue transportation flight for whom no fare is collected, including company personnel.  |
| <u>Revenue Passenger:</u>         | A child or adult for which a fare or part of a fare is paid.   |
| <u>Seat-Miles Available:</u>      | Seats available for the transportation of passengers multiplied by the miles flown on each inter-station flight.   |
| <u>Specialty Flying Services:</u> | Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising.   |
| <u>Tons:</u>                      | Short tons of 2,000 lbs.   |
| <u>Ton-Mile:</u>                  | The transportation of one ton of goods one mile.   |
| <u>Ton-Miles Available:</u>       | Available load capacity multiplied by miles flown on each inter-station flight.  |
| <u>Unit Toll Transportation:</u>  | Public transportation of passengers and goods at a toll per unit. It includes: <ul style="list-style-type: none"><li>(i) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class I); and</li><li>(ii) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3).</li></ul> |
| <u>Weight Load Factor:</u>        | Ratio of revenue ton-miles performed to available ton-miles.   |







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## SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures are not available.
- ... Figures not appropriate or not applicable.
- Nil or zero.

## INTRODUCTION

"Civil Aviation" reports are prepared from monthly and quarterly schedules filed with the Air Transport Board and the Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly returns filed with the Dominion Bureau of Statistics by foreign air carriers operating in Canada.

For reporting purposes, Canadian air carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. These groups are described on page twenty of this publication along with other definitions. It should be noted that the definition of each of the five groups has been revised as of 1st January, 1964. This revision resulted in four former group III carriers being transferred to Group IV and 24 former Group IV carriers being transferred to Group V. It should also be noted that Nordair Ltd., classified as a Group II carrier by the Air Transport Board, is included with Group III carriers for statistical purposes. Group V comprises small air carriers required to file returns on a quarterly basis only. Data on their operations are excluded from the other carrier statistics appearing throughout the report.

Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. A complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

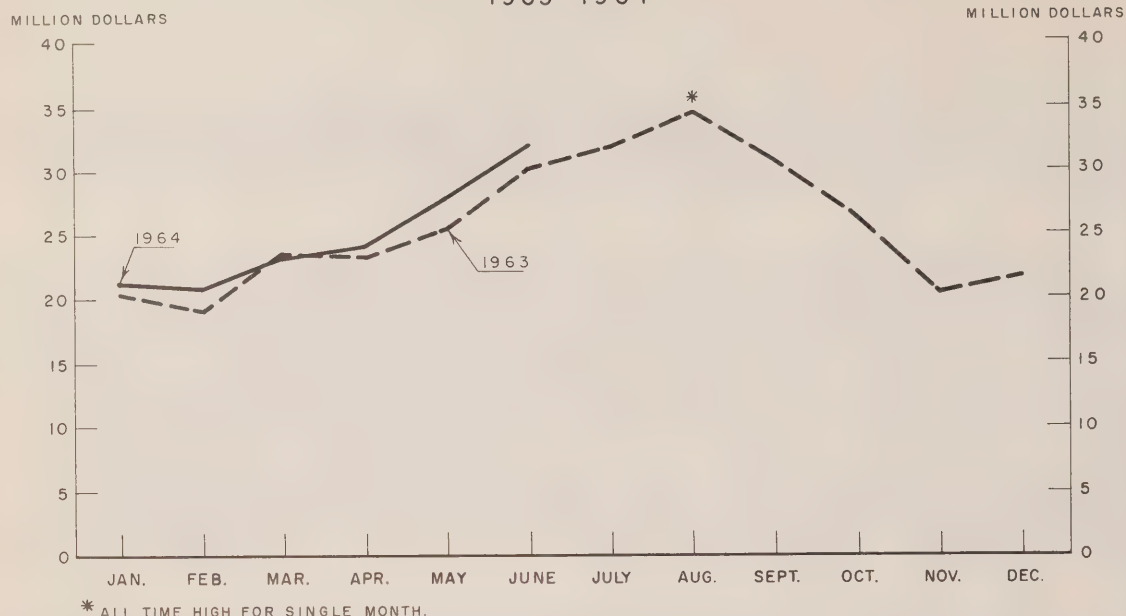
Domestic and international operations of Canadian carriers are combined in all tables except Table 6 which provides a breakdown of domestic and international operations for Canadian carriers operating international unit toll and bulk services.

Commencing with the January, 1964 issue, bulk transport passenger-miles and goods-ton-miles have been added to the statistical data of this report. However, because of survey limitations, this data refers only to aircraft which has a minimum authorized take-off weight on wheels in excess of 18,000 pounds. Operating data covering bulk international flights have also been added to Table 6. It should be noted, however, that the number of carriers reporting international bulk services may vary from month to month.

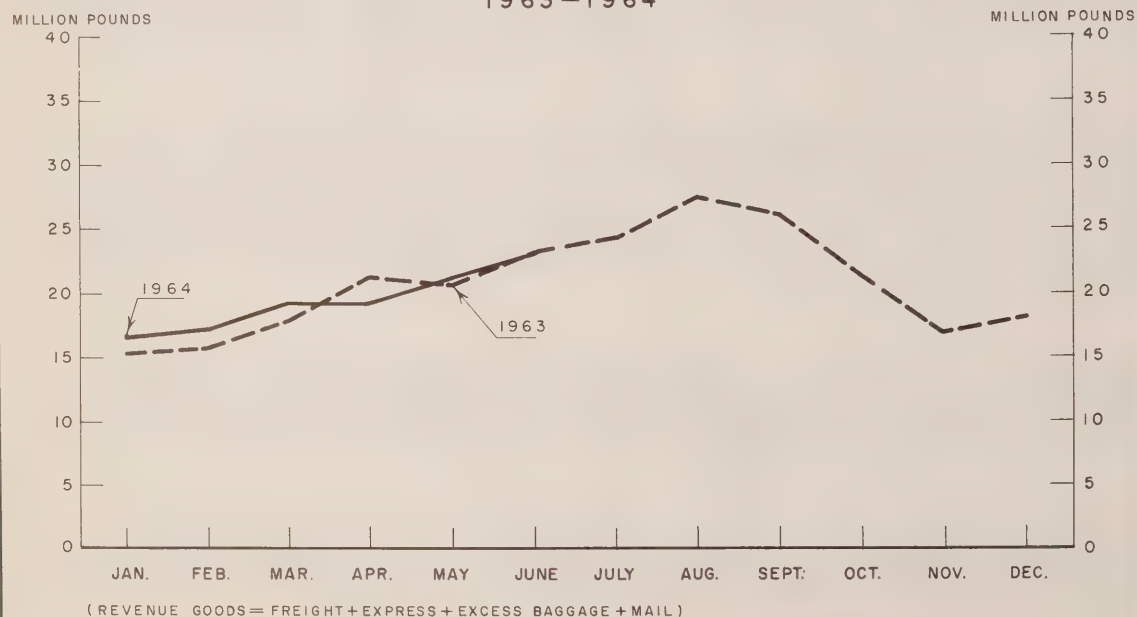
Table 7 provides data on traffic leaving and entering Canada on an area of service basis. Passengers, cargo and mail in transit through Canada are excluded. The table contains the operations of both Canadian and Foreign carriers with separate totals for each.

Also commencing with the January, 1964 issue of "Civil Aviation", data on helicopters have been expanded to include more detail. A split has been made between the use of fixed wing aircraft and helicopters for specialty flying.

# OPERATING REVENUE OF CANADIAN AIR CARRIERS 1963-1964



# REVENUE GOODS CARRIED BY CANADIAN AIR CARRIERS 1963-1964



## REVIEW OF JUNE OPERATIONS

Increases were reported in the transportation of both revenue passengers and goods by Canadian Air Carriers during the month of June compared with June 1963. Although passengers carried totalled 550,032, an increase of 6.3 per cent, goods transported decreased to 11,531.0 tons, a change of less than 1 per cent. The revenue miles flown were down 1.6 per cent to 9,816,795. Passenger-miles and goods-ton-miles performed by Canadian carriers in unit toll and bulk services totalled 426,438,961 and 11,743,037 respectively. Unit toll services accounted for 87.1 per cent of the total passenger-miles and 58.4 per cent of the total goods-ton-miles.

June operating revenues showed a 6.5 per cent increase over June 1963 to \$31,988,345 while operating expenses rose 5.4 per cent to \$26,945,584, thus an operating income of \$5,042,761 was reported. This compared with an income of \$4,482,237 for the same month of the previous year. A net income after provision for income taxes of \$4,102,596 was reported as against a net income of \$3,568,-432 in June 1963.

The operations of Group V carriers for the second quarter of 1964 are covered in Table 11. The 277 carriers reporting in the quarter transported 57,829 passengers and 2,187.4 tons of revenue goods.

Revenue hours reported flown by 15 carriers who operated 141 helicopters exclusively amounted to 7,689. Hours reported flown by 11 helicopters operated by 7 fixed wing carriers totalled 617. Operating revenues reported by helicopter carriers amounted to \$957,012 while operating expenses amounted to \$777,279.

In June the six scheduled carriers transported 486,549 revenue passengers, 88.5 per cent of all passengers carried by all Canadian carriers. They also carried 7,190.6 tons of revenue goods, 62.4 per cent of the total. Operating revenues amounted to \$28,167,802 or 88.1 per cent of all Canadian air carrier revenues. Operating expenses amounted to \$24,029,872 or 89.2 per cent of the total. Comparable figures for June 1963 are: passengers 85.5 per cent, goods 51.4 per cent, revenues 86.7 per cent and expenses 87.9 per cent.

Revenue passenger-miles performed by Canadian carriers in international unit toll in June amounted to 153,776,597 or 41.4 per cent of the total unit toll passenger-miles. The division of international services by air was as follows:

| <u>Area</u>                    | <u>Percentage</u> |
|--------------------------------|-------------------|
| Trans-Border .....             | 24.7              |
| Trans-Atlantic and Polar ..... | 46.3              |
| Southern .....                 | 18.5              |
| Pacific and Orient .....       | <u>10.5</u>       |
| Total .....                    | <u>100.0</u>      |

### The Cumulative View:

The first six months of 1964 compared with the same period in 1963 showed the revenue passengers increased 4.1 per cent to 2,660,209, while revenue goods rose 2.0 per cent to 58,282.0 tons. Passenger-miles and goods-ton-miles performed by Canadian carriers totalled 1,956,944,662 and 48,988,-845 respectively. Operating revenues increased 5.1 per cent to \$149,129,848 while operating expenses increased 5.8 per cent to \$147,933,813.

### Foreign Carriers:

Foreign carriers licensed to operate in Canada transported 98,471 revenue passengers during June, an increase of 21.7 per cent over June 1963. Revenue goods carried totalled 1,257.8 tons, an increase of 28.1 per cent. Foreign carriers report hours and miles flown over Canadian territory only. Statistics of passengers and goods in transit have been excluded.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

June 1964

|                                      | Canadian carriers  |              |                        |           |                        | Total Canadian carriers | Foreign carriers(2)       |             | Grand total all carriers | Year to date |
|--------------------------------------|--------------------|--------------|------------------------|-----------|------------------------|-------------------------|---------------------------|-------------|--------------------------|--------------|
|                                      | Scheduled carriers |              | Non-scheduled carriers |           | United States carriers |                         | Other Foreign carriers(3) |             |                          |              |
|                                      | Group I and II(1)  | Group III(1) | Group IV               | Total     |                        |                         |                           |             |                          |              |
| Number of carriers reporting ...     | 6                  | 15           | 44                     | 59        | 65                     | 10                      | 9                         | 84          | ..                       |              |
| Revenue transportation services:     |                    |              |                        |           |                        |                         |                           |             |                          |              |
| Unit toll:                           |                    |              |                        |           |                        |                         |                           |             |                          |              |
| Departures .....                     | 18,507             | 2,735        | 484                    | 3,219     | 21,726                 | ..                      | ..                        | ..          | ..                       |              |
| Hours flown .....                    | 23,835             | 2,737        | 464                    | 3,201     | 27,036                 | 342                     | 1,219                     | 28,597      | 150,743                  |              |
| Miles scheduled .....                | 5,987,790          | ...          | ...                    | ...       | 5,987,790              | 84,398                  | 485,416                   | 6,557,604   | 35,437,505               |              |
| Miles flown:                         |                    |              |                        |           |                        |                         |                           |             |                          |              |
| Scheduled .....                      | 6,218,078          | ...          | ...                    | ...       | 6,218,078              | 83,703                  | 488,179                   | 6,789,960   | 35,821,566(4)            |              |
| Non-scheduled .....                  | 194,731            | 338,336      | 34,192                 | 372,528   | 567,259                | -                       | -                         | 567,259     | 3,329,958(4)             |              |
| Totals .....                         | 6,412,809          | 338,336      | 34,192                 | 372,528   | 6,785,337              | 83,703                  | 488,179                   | 7,357,219   | 39,151,524               |              |
| Passengers carried .....             | 463,002            | 11,720       | 2,827                  | 14,547    | 477,549                | 59,847                  | 32,786                    | 570,182     | 2,869,651                |              |
| Goods carried:                       |                    |              |                        |           |                        |                         |                           |             |                          |              |
| Cargo .....                          | 8,989,461          | 661,115      | 46,240                 | 707,355   | 9,696,816              | 816,050                 | 1,387,096                 | 12,057,857  | 66,001,856               |              |
| Excess baggage .....                 | 141,288(5)         | 8,585        | 8,022                  | 16,607    | 157,895                | -                       | -                         | 3,993,475   | 24,779,961               |              |
| Mail .....                           | 3,587,364          | 73,100       | 20,524                 | 93,624    | 3,680,988              | 136,242                 | 176,245                   | 16,051,332  | 90,781,817               |              |
| Totals .....                         | 12,718,113         | 742,800      | 74,786                 | 817,586   | 13,535,699             | 952,292                 | 1,563,341                 | 401,509,499 | 1,909,346,228            |              |
| Passenger-miles .....                | 368,776,117        | 2,174,491    | 292,250                | 2,466,741 | 371,242,858            | 2,581,866               | 27,684,775                | 5,924,954   | 33,417,891               |              |
| Goods ton-miles:                     |                    |              |                        |           |                        |                         |                           |             |                          |              |
| Cargo .....                          | 4,930,078          | 200,636      | 7,962                  | 208,598   | 5,138,676              | 19,464                  | 505,916                   | 1,533,183   | 9,545,249                |              |
| Excess baggage .....                 | 256,642            | 3,923        | 333                    | 4,256     | 260,898                | -                       | -                         | 72,016      | 7,458,137                |              |
| Mail .....                           | 1,437,255          | 19,644       | 1,275                  | 20,919    | 1,458,174              | 2,993                   | 577,932                   | 9,526,270   | 40,537,857               |              |
| Totals .....                         | 6,623,975          | 224,203      | 9,570                  | 233,773   | 6,857,748              | 22,457                  | 577,932                   | 4,885,289   | 12,091                   |              |
| Bulk:                                |                    |              |                        |           |                        |                         |                           |             |                          |              |
| Departures .....                     | 4,054              | 10,005       | 14,979                 | 24,984    | 29,038                 | ..                      | ..                        | 30,370      | 98,879                   |              |
| Hours flown .....                    | 5,202              | 12,160       | 12,864                 | 25,024    | 30,226                 | 4                       | 140                       | 3,083,707   | 10,990,530               |              |
| Miles flown .....                    | 1,018,009          | 898,069      | 1,115,380              | 2,013,449 | 3,031,458              | 1,022                   | 51,227                    | 78,621      | 246,091                  |              |
| Passengers carried .....             | 23,547             | 22,402       | 26,834                 | 49,236    | 72,783                 | 674                     | -                         | 9,526,270   | 40,537,857               |              |
| Freight carried .....                | 1,663,124          | 4,643,517    | 3,219,629              | 7,863,146 | 9,526,270              | -                       | -                         | 4,885,289   | 12,091                   |              |
| Passenger-miles(6) .....             | 52,751,659         | 2,387,694    | 56,750                 | 2,444,444 | 55,196,103             | -                       | -                         | 4,885,289   | 12,091                   |              |
| Goods ton-miles(6) .....             | 562,934            | 4,285,097    | 37,258                 | 4,322,355 | 4,885,289              | -                       | -                         | 4,885,289   | 12,091                   |              |
| Revenue non-transportation services: |                    |              |                        |           |                        |                         |                           |             |                          |              |
| Specialty flying - Hours flown "     | 495                | 2,322        | 9,274                  | 11,596    | 12,091                 | -                       | -                         | 12,091      | 40,181                   |              |

See footnotes at end of table.



TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

June 1964

|   | Canadian carriers  |              |                        |           |                        | Total Canadian carriers | Foreign carriers(2)       |  | Grand total all carriers | Year to date |
|---|--------------------|--------------|------------------------|-----------|------------------------|-------------------------|---------------------------|--|--------------------------|--------------|
|   | Scheduled carriers |              | Non-scheduled carriers |           | United States carriers |                         | Other Foreign carriers(3) |  |                          |              |
|   | Groups I and II(1) | Group III(1) | Group IV               | Total     |                        |                         |                           |  |                          |              |
| Total - All services:                                   |                    |              |                        |           |                        |                         |                           |  |                          |              |
| Revenue:  |                    |              |                        |           |                        |                         |                           |  |                          |              |
| Traffic, miles and hours:(7)                            |                    |              |                        |           |                        |                         |                           |  |                          |              |
| Departures .....  | 22,561             | 12,740       | 15,463                 | 28,203    | 50,764                 |                         |                           |  |                          |              |
| Hours flown .....                                       | 29,532             | 17,219       | 22,602                 | 39,821    | 69,353                 |                         |                           |  |                          |              |
| Miles flown .....                                       | 7,430,818          | 1,236,405    | 1,149,572              | 2,385,977 | 9,816,795              |                         |                           |  |                          |              |
| Passengers carried .....                                | 486,549            | 34,122       | 29,661                 | 63,783    | 550,032                |                         |                           |  |                          |              |
| Cargo carried .....                                     | 10,652,585         | 5,304,632    | 3,265,869              | 8,570,501 | 19,223,086             |                         |                           |  |                          |              |
| Goods carried .....                                     | 14,381,237         | 5,386,317    | 3,294,415              | 8,680,732 | 23,061,969             |                         |                           |  |                          |              |
| Passenger-miles(6) .....                                | 421,527,776        | 4,562,185    | 349,000                | 4,911,185 | 426,438,961            |                         |                           |  |                          |              |
| Goods ton-miles(6) .....                                | 7,186,909          | 4,509,300    | 46,828                 | 4,556,128 | 11,743,037             |                         |                           |  |                          |              |
| Non-revenue:  |                    |              |                        |           |                        |                         |                           |  |                          |              |
| Hours flown .....                                       | 705                | 811          | 587                    | 1,398     | 2,103                  |                         |                           |  |                          |              |
| Passengers carried .....                                | 2,505(5)           | 83           | 40                     | 123       | 2,628                  |                         |                           |  |                          |              |
| Goods carried .....                                     | 188,275(5)         | 52,765       | 1,575                  | 54,340    | 242,615                |                         |                           |  |                          |              |
| Passenger-miles .....                                   | 15,841,828         | 25,947       | 451                    | 26,398    | 15,868,226             |                         |                           |  |                          |              |
| Goods ton-miles .....                                   | 597,575            | 112,774      | -                      | 112,774   | 710,349                |                         |                           |  |                          |              |
| Fuel and oil consumed:                                  |                    |              |                        |           |                        |                         |                           |  |                          |              |
| Turbo fuel - Quantity .....                             | 17,444,562         | -            | 18,105                 | 18,105    | 17,462,667             |                         |                           |  |                          |              |
| Cost .....  | 2,457,206          | -            | 5,820                  | 5,820     | 2,463,026              |                         |                           |  |                          |              |
| Gasoline - Quantity .....                               | 1,151,944          | 609,017      | 424,846                | 1,033,863 | 2,185,807              |                         |                           |  |                          |              |
| Cost .....  | 367,310            | 237,323      | 195,299                | 432,622   | 799,932                |                         |                           |  |                          |              |
| Turbo oil - Quantity .....                              | 4,173              | -            | 3                      | 3         | 4,176                  |                         |                           |  |                          |              |
| Cost .....  | 41,423             | -            | 45                     | 45        | 41,468                 |                         |                           |  |                          |              |
| Other oil - Quantity .....                              | 14,442             | 8,033        | 7,466                  | 15,499    | 29,941                 |                         |                           |  |                          |              |
| Cost .....  | 16,367             | 11,536       | 10,008                 | 21,544    | 37,911                 |                         |                           |  |                          |              |
| Average number of employees:                            |                    |              |                        |           |                        |                         |                           |  |                          |              |
| Pilots and co-pilots .....                              | 1,037              | 310          | 297                    | 607       | 1,644                  |                         |                           |  |                          |              |
| Other flight personnel .....                            | 1,114              | 20           | 17                     | 37        | 1,151                  |                         |                           |  |                          |              |
| General management .....                                | 336                | 80           | 71                     | 151       | 487                    |                         |                           |  |                          |              |
| Maintenance labour .....                                | 3,653              | 351          | 230                    | 581       | 4,234                  |                         |                           |  |                          |              |
| Aircraft & traffic servicing .....                      | 5,202              | 104          | 65                     | 169       | 5,371                  |                         |                           |  |                          |              |
| Other personnel .....                                   | 4,650              | 196          | 86                     | 282       | 4,932                  |                         |                           |  |                          |              |
| Totals .....  | 15,992             | 1,061        | 766                    | 1,827     | 17,819                 |                         |                           |  |                          |              |
| Salaries and wages paid:                                |                    |              |                        |           |                        |                         |                           |  |                          |              |
| Pilots and co-pilots .....                              | 1,240,437          | 236,769      | 207,603                | 443,372   | 1,684,809              |                         |                           |  |                          |              |
| Other flight personnel .....                            | 526,330            | 4,834        | 4,834                  | 9,668     | 531,164                |                         |                           |  |                          |              |
| General management .....                                | 284,909            | 53,138       | 43,306                 | 96,444    | 381,353                |                         |                           |  |                          |              |
| Maintenance labour .....                                | 1,829,611          | 146,402      | 96,114                 | 242,516   | 2,072,127              |                         |                           |  |                          |              |
| Aircraft & traffic servicing .....                      | 2,502,679          | 37,244       | 20,484                 | 57,728    | 2,560,407              |                         |                           |  |                          |              |
| Other personnel .....                                   | 2,266,216          | 71,522       | 28,227                 | 99,749    | 2,365,965              |                         |                           |  |                          |              |
| Totals .....  | 8,650,182          | 557,164      | 400,568                | 957,732   | 9,607,914              |                         |                           |  |                          |              |
| Group II non-scheduled carriers included with Group III |                    |              |                        |           |                        |                         |                           |  |                          |              |
|   |                    |              |                        |           |                        |                         |                           |  |                          |              |
|   |                    |              |                        |           |                        |                         |                           |  |                          |              |
|   |                    |              |                        |           |                        |                         |                           |  |                          |              |
|   |                    |              |                        |           |                        |                         |                           |  |                          |              |
|   |                    |              |                        |           |                        |                         |                           |  |                          |              |
|   |                    |              |                        |           |                        |                         |                           |  |                          |              |
|   |                    |              |                        |           |                        |                         |                           |  |                          |              |
|   |                    |              |                        |           |                        |                         |                           |  |                          |              |
|   |                    |              |                        |           |                        |                         |                           |  |                          |              |
|   |                    |              |                        |           |                        |                         |                           |  |                          |              |
|   |                    |              |                        |           |                        |                         |                           |  |                          |              |
|   |                    |              |                        |           |                        |                         |                           |  |                          |              |
|   |                    |              |                        |           |                        |                         |                           |  |                          |              |
|   |                    |              |                        |           |                        |                         |                           |  |                          |              |
|   |                    |              |                        |           |                        |                         |                           |  |                          |              |
|   |                    |              |                        |           |                        |                         |                           |  |                          |              |
|   |                    |              |                        |           |                        |                         |                           |  |                          |              |
|   |                    |              |                        |           |                        |                         |                           |  |                          |              |
|   |                    |              |                        |           |                        |                         |                           |  |                          |              |
|   |                    |              |                        |           |                        |                         |                           |  |                          |              |
|   |                    |              |                        |           |                        |                         |                           |  |                          |              |
|   |                    |              |                        |           |                        |                         |                           |  |                          |              |
|   |                    |              |                        |           |                        |                         |                           |  |                          |              |
|   |                    |              |                        |           |                        |                         |                           |  |                          |              |
|   |                    |              |                        |           |                        |                         |                           |  |                          |              |
|   |                    |              |                        |           |                        |                         |                           |  |                          |              |
|   |                    |              |                        |           |                        |                         |                           |  |                          |              |
|   |                    |              |                        |           |                        |                         |                           |  |                          |              |
|   |                    |              |                        |           |                        |                         |                           |  |                          |              |
|   |                    |              |                        |           |                        |                         |                           |  |                          |              |
|   |                    |              |                        |           |                        |                         |                           |  |                          |              |
|   |                    |              |                        |           |                        |                         |                           |  |                          |              |
|   |                    |              |                        |           |                        |                         |                           |  |                          |              |
|   |                    |              |                        |           |                        |                         |                           |  |                          |              |
|   |                    |              |                        |           |                        |                         |                           |  |                          |              |
|   |                    |              |                        |           |                        |                         |                           |  |                          |              |
|   |                    |              |                        |           |                        |                         |                           |  |                          |              |
|   |                    |              |                        |           |                        |                         |                           |  |                          |              |
|   |                    |              |                        |           |                        |                         |                           |  |                          |              |
|   |                    |              |                        |           |                        |                         |                           |  |                          |              |
|   |                    |              |                        |           |                        |                         |                           |  |                          |              |
|   |                    |              |                        |           |                        |                         |                           |  |                          |              |
|   |                    |              |                        |           |                        |                         |                           |  |                          |              |
|   |                    |              |                        |           |                        |                         |                           |  |                          |              |
|   |                    |              |                        |           |                        |                         |                           |  |                          |              |
|   |                    |              |                        |           |                        |                         |                           |  |                          |              |
|   |                    |              |                        |           |                        |                         |                           |  |                          |              |
|   |                    |              |                        |           |                        |                         |                           |  |                          |              |
|   |                    |              |                        |           |                        |                         |                           |  |                          |              |
|   |                    |              |                        |           |                        |                         |                           |  |                          |              |
|   |                    |              |                        |           |                        |                         |                           |  |                          |              |
|   |                    |              |                        |           |                        |                         |                           |  |                          |              |
|   |                    |              |                        |           |                        |                         |                           |  |                          |              |
|   |                    |              |                        |           |                        |                         |                           |  |                          |              |

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

(2) See "Foreign Carriers", page 7, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Trans-Canada Air Lines.

(6) Excludes chartered aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(7) These data exclude non-transportation services, except for hours flown.

(8) Includes excess baggage.

(9) Data in Tables 4, 5, 6, 7, 8 and 9 included in this table.

TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group  
June 1964

|                                       | Scheduled carriers |             |            | Non-scheduled carriers |           |           | Grand total | Year to date |
|---------------------------------------|--------------------|-------------|------------|------------------------|-----------|-----------|-------------|--------------|
|                                       | Group I            | Group II(1) | Total      | Group III(1)           | Group IV  | Total     |             |              |
|                                       | dollars            |             |            |                        |           |           |             |              |
| Operating revenues:                   |                    |             |            |                        |           |           |             |              |
| Unit toll transportation:             |                    |             |            |                        |           |           |             |              |
| Passengers .....                      | 21,438,432         | 1,060,877   | 22,499,309 | 289,924                | 30,816    | 320,740   | 22,820,049  | 110,224,621  |
| Express .....                         | 365,575            | 17,712      | 383,287    | 9,183                  | 906       | 10,089    | 393,376     | 2,065,728    |
| Freight .....                         | 1,112,440          | 191,738     | 1,304,178  | 103,054                | 3,225     | 106,279   | 1,410,457   | 8,136,761    |
| Excess baggage .....                  | 125,433            | 19,842      | 145,275    | 6,509                  | 682       | 7,191     | 152,466     | 786,082      |
| Mail .....                            | 1,181,929          | 111,770     | 1,293,699  | 28,733                 | 4,742     | 33,475    | 1,327,174   | 8,273,181    |
| Total unit toll transportation ..     | 24,223,809         | 1,401,939   | 25,625,748 | 437,403                | 40,571    | 477,974   | 26,103,522  | 129,486,373  |
| Bulk transportation .....             | 1,484,734          | 888,286     | 2,373,020  | 1,189,308              | 1,088,383 | 2,277,691 | 4,650,711   | 15,251,239   |
| Total transportation .....            | 25,708,543         | 2,290,225   | 27,998,768 | 1,626,711              | 1,128,754 | 2,755,465 | 30,754,233  | 144,737,612  |
| Other flying services .....           | 13,821             | 32,936      | 46,757     | 417,480                | 445,690   | 863,170   | 909,927     | 2,390,114    |
| Total flying services .....           | 25,722,364         | 2,323,161   | 28,045,525 | 2,044,191              | 1,574,444 | 3,618,635 | 31,664,160  | 147,127,726  |
| Non-flying services .....             | 92,276             | 30,001      | 122,277    | 127,592                | 74,316    | 201,908   | 324,185     | 2,002,122    |
| Total operating revenues .....        | 25,814,640         | 2,353,162   | 28,167,802 | 2,171,783              | 1,648,760 | 3,820,543 | 31,988,345  | 149,129,848  |
| Operating expenses:                   |                    |             |            |                        |           |           |             |              |
| Flying operations .....               | 5,543,094          | 824,990     | 6,368,084  | 968,444                | 475,657   | 1,444,101 | 7,812,185   | 39,514,747   |
| Maintenance .....                     | 4,167,795          | 588,363     | 4,756,158  | 511,097                | 294,996   | 806,093   | 5,562,251   | 32,960,831   |
| General services and administration:  |                    |             |            |                        |           |           |             |              |
| Passenger service .....               | 1,874,046          | 76,412      | 1,950,458  | ..                     | ..        | ..        | ..          | ..           |
| Aircraft and traffic servicing .....  | 3,117,866          | 245,792     | 3,363,658  | ..                     | ..        | ..        | ..          | ..           |
| Promotion and sales .....             | 3,860,589          | 153,754     | 4,014,343  | ..                     | ..        | ..        | ..          | ..           |
| General administration .....          | 896,163            | 124,119     | 1,020,282  | ..                     | ..        | ..        | ..          | ..           |
| Totals .....                          | 9,748,464          | 600,077     | 10,348,541 | 274,829                | 152,748   | 427,577   | 10,776,118  | 59,332,694   |
| Depreciation and amortization .....   | 2,423,376          | 133,713     | 2,557,089  | 135,372                | 102,569   | 237,941   | 2,795,030   | 16,125,341   |
| Total operating expenses .....        | 21,882,729         | 2,147,143   | 24,029,872 | 1,889,742              | 1,025,970 | 2,915,712 | 26,945,584  | 147,933,813  |
| Operating income (loss) .....         | 3,931,911          | 206,019     | 4,137,930  | 282,041                | 622,790   | 904,831   | 5,042,761   | 1,196,035    |
| Non-operating income - Net:           |                    |             |            |                        |           |           |             |              |
| Capital gains and losses .....        | 4,225              | 455         | 4,680      | 17,969                 | 1,647     | 19,616    | 24,296      | 439,657      |
| Interest and discounts .....          | 165,535            | 45          | 165,580    | 3,631                  | 1,157     | 4,788     | 170,368     | 896,814      |
| Miscellaneous non-operating income .. | 8,334              | 3,419       | 11,753     | 52,225                 | 747       | 51,478    | 39,725      | 5,114        |
| Income before interest expense .....  | 4,110,005          | 209,938     | 4,319,943  | 251,416                | 626,341   | 877,757   | 5,197,700   | 2,537,620    |
| Interest expense .....                | 947,810            | 59,718      | 1,007,528  | 30,952                 | 14,660    | 45,612    | 1,053,140   | 6,351,723    |
| Income before income taxes .....      | 3,162,195          | 150,220     | 3,312,415  | 220,464                | 611,681   | 832,145   | 4,144,560   | 3,814,103    |
| Provision for income taxes .....      | -                  | -           | -          | 13,632                 | 28,332    | 41,964    | 41,964      | 86,339       |
| Net income after income taxes .....   | 3,162,195          | 150,220     | 3,312,415  | 206,832                | 583,349   | 790,181   | 4,102,596   | 3,900,442    |

(1) Group II non-scheduled carriers included with Group III for purposes of this report.  
(2) Data in Tables 3, 8 and 10 included in this table.

TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

June 1964

|                                       | Canadian<br>Pacific<br>Air Lines | Eastern<br>Provincial<br>Airways<br>(1963) | Pacific<br>Western<br>Airlines | Quebecair<br>Inc. | Transair<br>Ltd. | Trans-<br>Canada<br>Air Lines | Total      | Year<br>to<br>date |
|---------------------------------------|----------------------------------|--|--------------------------------|-------------------|------------------|-------------------------------|------------|--------------------|
| Operating revenues:                   |                                  |  |                                |                   |                  |                               |            |                    |
| Unit toll transportation:             |                                  |  |                                |                   |                  |                               |            |                    |
| Passengers .....                      | 4,359,792                        | 214,803                                    | 374,189                        | 290,443           | 181,442          | 17,078,640                    | 22,499,309 | 108,922,112        |
| Express .....                         | 18,814                           | 3,694                                      | 10,639                         | -                 | 3,379            | 346,761                       | 383,287    | 2,005,137          |
| Freight .....                         | 265,349                          | 51,592                                     | 79,667                         | 37,713            | 22,766           | 847,091                       | 1,304,178  | 7,807,210          |
| Excess baggage .....                  | 36,821                           | 3,025                                      | 8,894                          | 6,033             | 1,890            | 88,612                        | 145,275    | 759,431            |
| Mail .....                            | 262,992                          | 29,456                                     | 49,106                         | 6,844             | 26,364           | 918,937                       | 1,293,699  | 7,950,307          |
| Total unit toll transportation ..     | 4,943,768                        | 302,570                                    | 522,495                        | 341,033           | 235,841          | 19,280,041                    | 25,625,748 | 127,244,197        |
| Bulk transportation .....             | 498,310                          | 137,466                                    | 466,757                        | 7,992             | 276,071          | 986,424                       | 2,373,020  | 7,218,446          |
| Total transportation .....            | 5,442,078                        | 440,036                                    | 989,252                        | 349,025           | 511,912          | 20,266,465                    | 27,998,768 | 134,462,643        |
| Other flying services .....           | -                                | 32,936                                     | -                              | -                 | 13,821           | 46,757                        | 46,757     | 134,196,332        |
| Total flying services .....           | 5,442,078                        | 472,972                                    | 989,252                        | 349,025           | 511,912          | 20,280,286                    | 28,045,525 | 134,658,975        |
| Non-flying services .....             | 95,740                           | 12,810                                     | 8,665                          | 3,400             | 5,106            | 3,464                         | 122,277    | 1,195,852          |
| Total operating revenues .....        | 5,537,818                        | 485,782                                    | 997,937                        | 352,425           | 517,018          | 20,276,822                    | 28,167,802 | 135,854,827        |
| Operating expenses:                   |                                  |  |                                |                   |                  |                               |            |                    |
| Flying operations .....               | 1,690,684                        | 163,807                                    | 403,749                        | 86,996            | 170,438          | 3,852,410                     | 6,368,084  | 34,171,089         |
| Maintenance .....                     | 643,859                          | 184,454                                    | 170,660                        | 82,491            | 150,758          | 3,523,936                     | 4,756,158  | 29,109,078         |
| General services and administrations: |                                  |  |                                |                   |                  |                               |            |                    |
| Passenger service .....               | 419,649                          | 14,011                                     | 39,037                         | 9,901             | 13,463           | 1,454,397                     | 1,950,458  | 9,987,884          |
| Aircraft and traffic servicing .....  | 546,769                          | 73,770                                     | 128,310                        | 28,104            | 15,608           | 2,570,897                     | 3,363,458  | 19,877,257         |
| Promotion and sales .....             | 943,771                          | 18,577                                     | 40,870                         | 52,217            | 42,090           | 2,916,818                     | 4,014,343  | 21,127,487         |
| General administration .....          | 197,010                          | 40,085                                     | 39,590                         | 25,778            | 18,666           | 699,153                       | 1,020,282  | 5,978,188          |
| Totals .....                          | 2,107,199                        | 146,443                                    | 247,807                        | 116,000           | 89,827           | 7,641,265                     | 10,348,541 | 56,970,816         |
| Depreciation and amortization .....   | 219,115                          | 53,872                                     | 27,450                         | 32,215            | 20,176           | 2,204,261                     | 2,557,089  | 14,854,422         |
| Total operating expenses .....        | 4,660,857                        | 548,576                                    | 846,666                        | 317,702           | 431,199          | 17,221,872                    | 24,029,872 | 135,105,405        |
| Operating income (loss) .....         | 876,961                          | 62,794                                     | 148,271                        | 34,723            | 85,819           | 3,054,950                     | 4,137,930  | 749,422            |
| Non-operating income - Net:           |                                  |  |                                |                   |                  |                               |            |                    |
| Capital gains and losses .....        | 4,225                            | -  | 496                            | 41                | -                | -                             | 4,680      | 285,896            |
| Interest and discounts .....          | 63,582                           | 72   | -                              | -                 | 27               | 101,953                       | 165,580    | 871,240            |
| Miscellaneous non-operating income .. | 348                              | 5,787                                      | 193                            | 691               | 1,870            | 8,682                         | 11,753     | 43,697             |
| Income before interest expense .....  | 944,420                          | 56,935                                     | 148,960                        | 33,991            | 83,922           | 3,165,585                     | 4,319,943  | 1,950,255          |
| Interest expense .....                | -                                | 31,521                                     | 8,983                          | 13,559            | 5,655            | 947,810                       | 1,007,528  | 6,071,700          |
| Income before income taxes .....      | 944,420                          | 88,456                                     | 139,977                        | 20,432            | 78,267           | 2,217,775                     | 3,312,415  | Dr. 4,121,445      |
| Provision for income taxes .....      | -                                | -  | -                              | -                 | -                | -                             | -          | -                  |
| Net income after income taxes .....   | 944,420                          | 88,456                                     | 139,977                        | 20,432            | 78,267           | 2,217,775                     | 3,312,415  | Dr. 4,121,445      |

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

June 1964

|   | Group I carriers           |                        |             |                                   | Group II carriers           |                    |                   |            | Grand total |
|---|----------------------------|------------------------|-------------|-----------------------------------|-----------------------------|--------------------|-------------------|------------|-------------|
|   | Canadian Pacific Air Lines | Trans-Canada Air Lines | Total       | Eastern Provincial Airways (1963) | Pacific Western Airlines(1) | Quebecair Inc. (1) | Transair Ltd. (1) | Total(1)   |             |
| Revenue transportation services:                      |                            |                        |             |                                   |                             |                    |                   |            |             |
| Unit toll:  |                            |                        |             |                                   |                             |                    |                   |            |             |
| Departures .....                                      | 1,904                      | 11,679                 | 13,583      | 1,135                             | 1,463                       | 1,205              | 1,121             | 4,924      | 18,507      |
| Hours flown .....                                     | 3,304                      | 15,582                 | 18,886      | 1,133                             | 1,496                       | 1,023              | 1,297             | 4,949      | 23,835      |
| Miles scheduled .....                                 | 1,077,125                  | 4,311,060              | 5,388,185   | 194,960                           | 220,345                     | 173,336            | 110,964           | 599,605    | 5,987,790   |
| Miles flown:  |                            |                        |             |                                   |                             |                    |                   |            |             |
| Scheduled - Regular .....                             | 1,076,272                  | 4,276,082              | 5,352,354   | 93,216                            | 201,377                     | 167,987            | 110,380           | 572,960    | 5,925,314   |
| Extra section .....                                   | 29,714                     | 216,960                | 246,674     | 16,483                            | 3,867                       | 4,216              | 21,524            | 46,090     | 292,764     |
| Non-scheduled .....                                   | 42,938                     | -                      | 42,938      | 72,629                            | 29,167                      | -                  | 49,997            | 151,793    | 194,731     |
| Totals .....  | 1,148,924                  | 4,493,042              | 5,641,966   | 182,328                           | 234,411                     | 172,203            | 181,901           | 770,843    | 6,412,809   |
| Ratio of regular miles flown to miles scheduled ..... | 99.9                       | 99.2                   | 99.3        | 98.2                              | 91.4                        | 96.9               | 99.5              | 95.6       | 99.0        |
| Passengers carried .....                              | 44,794                     | 374,817                | 419,611     | 10,148                            | 16,753                      | 10,264             | 6,226             | 43,391     | 463,002     |
| Goods carried:  |                            |                        |             |                                   |                             |                    |                   |            |             |
| Freight .....   | 611,843                    | 5,445,123              | 6,056,966   | 758,828                           | 598,792                     | 217,188            | 136,744           | 1,711,552  | 7,768,518   |
| Express .....   | 80,429                     | 1,064,817              | 1,145,246   | 27,322                            | 35,096                      | -                  | 13,279            | 75,697     | 1,220,943   |
| Excess baggage .....                                  | 51,330                     | -                      | 51,330(2)   | 14,143                            | 28,653                      | 36,293             | 10,869            | 89,958     | 141,288     |
| Mail .....  | 224,750                    | 2,942,365              | 3,167,115   | 131,756                           | 155,838                     | 35,236             | 97,419            | 420,249    | 3,587,364   |
| Totals .....  | 968,352                    | 9,452,305              | 10,420,657  | 932,049                           | 818,379                     | 288,717            | 258,311           | 2,297,456  | 12,718,113  |
| Passenger-miles:                                      |                            |                        |             |                                   |                             |                    |                   |            |             |
| Scheduled .....                                       | 72,678,062                 | 283,005,454            | 355,683,516 | 934,293                           | 4,139,418                   | 3,194,510          | 1,859,852         | 10,128,073 | 365,811,589 |
| Non-scheduled .....                                   | 1,288,467                  | -                      | 1,288,467   | 1,419,387                         | 104,033                     | -                  | 152,641           | 1,676,061  | 2,964,528   |
| Totals .....  | 73,966,529                 | 283,005,454            | 356,971,983 | 2,353,680                         | 4,243,451                   | 3,194,510          | 2,012,493         | 11,804,134 | 368,776,117 |
| Available seat-miles on scheduled services .....      | 132,608,667                | 421,336,520            | 553,945,187 | 5,701,768                         | 8,803,681                   | 5,834,652          | 3,967,576         | 24,307,677 | 578,252,864 |
| Passenger load factor on scheduled services .....     | 54.8                       | 67.2                   | 64.2        | 16.4                              | 47.0                        | 54.8               | 46.9              | 41.7       | 63.3        |
| Goods ton-miles:                                      |                            |                        |             |                                   |                             |                    |                   |            |             |
| Freight - Scheduled .....                             | 771,933                    | 3,306,194              | 4,078,127   | 178,515                           | 158,068                     | 32,216             | 19,534            | 388,333    | 4,466,460   |
| Non-scheduled .....                                   | 3,282                      | -                      | 3,282       | 32,525                            | 2,067                       | -                  | 6,622             | 41,214     | 44,496      |
| Totals .....  | 775,215                    | 3,306,194              | 4,081,409   | 211,040                           | 160,135                     | 32,216             | 26,156            | 429,547    | 4,510,956   |
| Express - Scheduled .....                             | 21,554                     | 378,617                | 400,171     | 5,269                             | 8,348                       | -                  | 3,080             | 16,697     | 416,868     |
| Non-scheduled .....                                   | 877                        | -                      | 877         | 1,377                             | -                           | -                  | -                 | 1,377      | 2,254       |
| Totals .....  | 22,431                     | 378,617                | 401,048     | 6,646                             | 8,348                       | -                  | 3,080             | 18,074     | 419,122     |

See footnotes at end of table.



TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Continued

June 1964

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|   | Group I carriers           |                        |             | Group II carriers                 |                             |                    |                   |            | Grand total |
|---|----------------------------|------------------------|-------------|-----------------------------------|-----------------------------|--------------------|-------------------|------------|-------------|
|   | Canadian Pacific Air Lines | Trans-Canada Air Lines | Total       | Eastern Provincial Airways (1963) | Pacific Western Airlines(1) | Quebecair Inc. (1) | Transair Ltd. (1) | Total(1)   |             |
| Revenue transportation services - Concluded:      |                            |                        |             |                                   |                             |                    |                   |            |             |
| Unit toll - Concluded:                            |                            |                        |             |                                   |                             |                    |                   |            |             |
| Goods ton-miles - Concluded:                      |                            |                        |             |                                   |                             |                    |                   |            |             |
| Excess baggage - Scheduled .....                  | 58,619                     | 181,308                | 239,927     | 499                               | 4,808                       | 6,272              | 2,145             | 13,724     | 253,651     |
| Non-scheduled ..                                  | 128                        | -                      | 128         | 2,712                             | 111                         | -                  | 40                | 2,863      | 2,991       |
| Totals .....                                      | 58,747                     | 181,308                | 240,055     | 3,211                             | 4,919                       | 6,272              | 2,185             | 16,587     | 256,642     |
| Mail - Scheduled .....                            | 192,079                    | 1,163,150              | 1,355,229   | 9,616                             | 40,127                      | 5,344              | 5,135             | 60,222     | 1,415,451   |
| Non-scheduled ..                                  | 4,152                      | 4,152                  | 8,304       | 9,833                             | 282                         | -                  | 7,557             | 17,652     | 21,804      |
| Totals .....                                      | 196,231                    | 1,163,150              | 1,359,381   | 19,449                            | 40,409                      | 5,344              | 12,692            | 77,874     | 1,437,255   |
| Total - Scheduled .....                           | 1,044,185                  | 5,029,269              | 6,073,454   | 193,899                           | 211,351                     | 43,832             | 29,894            | 479,076    | 6,552,530   |
| Non-scheduled ..                                  | 8,439                      | -                      | 8,439       | 46,447                            | 2,460                       | -                  | 14,199            | 63,106     | 71,545      |
| Totals .....                                      | 1,052,624                  | 5,029,269              | 6,081,893   | 240,346                           | 213,811                     | 43,832             | 44,093            | 542,082    | 6,623,975   |
| Available ton-miles on scheduled services .....   | 16,947,843                 | 59,202,199             | 75,700,042  | 961,200                           | 1,209,754                   | 578,314            | 470,837           | 3,220,105  | 78,920,147  |
| Weight load factor on scheduled services(3) ..... | 49.1                       | 56.3                   | 55.0        | 29.9                              | 51.7                        | 62.8               | 45.9              | 46.3       | 54.7        |
| Bulk:   |                            |                        |             |                                   |                             |                    |                   |            |             |
| Departures .....                                  | 77                         | 177                    | 254         | 745                               | 2,389                       | 25                 | 641               | 3,800      | 4,054       |
| Hours flown .....                                 | 306                        | 682                    | 988         | 865                               | 2,350                       | 26                 | 973               | 4,214      | 5,202       |
| Miles flown .....                                 | 143,216                    | 316,195                | 459,411     | 80,681                            | 313,511                     | 3,460              | 160,946           | 558,598    | 1,018,009   |
| Passengers carried .....                          | 4,036                      | 9,022                  | 13,058      | 2,626                             | 5,939                       | 100                | 1,824             | 10,489     | 23,547      |
| Cargo carried .....                               | 40,244                     | -                      | 40,244      | 185,140                           | 584,300                     | -                  | 853,440           | 1,622,880  | 1,663,124   |
| Freight carried .....                             | 14,079,122                 | 29,702,909             | 43,782,031  | 409,546                           | 7,130,389                   | 27,515             | 1,402,178         | 8,969,628  | 52,751,659  |
| Passenger-miles(4) .....                          | 66,868                     | -                      | 66,868      | 14,337                            | 50,874                      | 2,751              | 428,104           | 496,066    | 562,934     |
| Goods ton-miles(4) .....                          | -                          | -                      | -           | -                                 | -                           | -                  | -                 | -          | -           |
| Revenue non-transportation services:              |                            |                        |             |                                   |                             |                    |                   |            |             |
| Specialty flying - Hours flown .....              | -                          | 57                     | 57          | 438                               | -                           | -                  | -                 | 438        | 495         |
| Total - All services:                             |                            |                        |             |                                   |                             |                    |                   |            |             |
| Traffic, hours and miles:(5)                      |                            |                        |             |                                   |                             |                    |                   |            |             |
| Revenue:  |                            |                        |             |                                   |                             |                    |                   |            |             |
| Departures .....                                  | 1,981                      | 11,856                 | 13,837      | 1,880                             | 3,852                       | 1,230              | 1,762             | 8,724      | 22,561      |
| Hours flown .....                                 | 3,610                      | 16,321                 | 19,931      | 2,436                             | 3,846                       | 1,049              | 2,270             | 9,601      | 29,532      |
| Miles flown .....                                 | 1,292,140                  | 4,809,237              | 6,101,377   | 263,009                           | 547,922                     | 175,663            | 342,847           | 1,329,441  | 7,430,818   |
| Passengers carried .....                          | 48,830                     | 383,839                | 432,669     | 12,774                            | 22,692                      | 10,564             | 8,050             | 53,880     | 486,549     |
| Cargo carried .....                               | 732,516                    | 6,509,940              | 7,242,456   | 971,290                           | 7,219,188                   | 217,188            | 1,003,463         | 3,410,129  | 10,652,585  |
| Goods carried .....                               | 1,008,596                  | 9,452,305              | 10,460,901  | 1,117,189                         | 1,402,679                   | 288,717            | 1,111,751         | 3,920,336  | 14,381,237  |
| Passenger-miles(4) .....                          | 88,045,651                 | 312,708,363            | 400,754,014 | 2,763,226                         | 11,373,840                  | 3,222,025          | 3,414,671         | 20,773,762 | 421,527,776 |
| Goods ton-miles(4) .....                          | 1,119,492                  | 5,029,269              | 6,148,761   | 254,683                           | 264,685                     | 46,583             | 472,197           | 1,038,148  | 7,186,909   |

See footnotes at end of table.



TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

June 1964

|  | Group I carriers           |                        |            | Group II carriers                 |                             |                   |                  |          | Grand total |
|--|----------------------------|------------------------|------------|-----------------------------------|-----------------------------|-------------------|------------------|----------|-------------|
|  | Canadian Pacific Air Lines | Trans-Canada Air Lines | Total      | Eastern Provincial Airways (1963) | Pacific Western Airlines(1) | Quebecair Inc.(1) | Transair Ltd.(1) | Total(1) |             |
| Total - All services - Concluded:        |                            |                        |            |                                   |                             |                   |                  |          |             |
| Traffic, hours and miles - Concluded:(5) |                            |                        |            |                                   |                             |                   |                  |          |             |
| Non-revenue:                             |                            |                        |            |                                   |                             |                   |                  |          |             |
| Hours flown ..... No.                    | 104                        | 246                    | 246        | 95                                | 271                         | 39                | 54               | 549      | 705         |
| Passengers carried ..... No.             | 1,502                      | -                      | 1,502      | 217                               | 455                         | 179               | 152              | 1,003    | 2,505(2)    |
| Goods carried ..... lb.                  | 126,504                    | -                      | 126,504    | 10,794                            | 35,014                      | -                 | 15,963           | 61,771   | 188,275(2)  |
| Passenger-miles ..... No.                | 2,408,616                  | 13,002,328             | 15,410,944 | 157,930                           | 129,473                     | 52,254            | 91,227           | 430,884  | 15,841,828  |
| Goods ton-miles ..... "                  | 181,988                    | 397,537                | 579,525    | 1,003                             | 12,338                      | -                 | 4,709            | 18,050   | 597,575     |
| Fuel and oil consumed:                   |                            |                        |            |                                   |                             |                   |                  |          |             |
| Turbo fuel - Quantity ..... gal.         | 3,710,166                  | 13,472,453             | 17,182,619 | 115,800                           | -                           | 146,143           | -                | 261,943  | 17,444,562  |
| Cost ..... \$                            | 613,198                    | 1,785,526              | 2,398,724  | 27,792                            | -                           | 30,690            | -                | 58,482   | 2,457,206   |
| Gasoline - Quantity ..... gal.           | 454,332                    | -                      | 454,332    | 121,870                           | 451,327                     | 33,415            | -                | 606,612  | 1,151,944   |
| Cost ..... \$                            | 129,180                    | -                      | 129,180    | 53,531                            | 173,572                     | 11,027            | -                | 238,130  | 367,310     |
| Turbo oil - Quantity ..... gal.          | 456                        | 3,404                  | 3,860      | 58                                | -                           | 255               | -                | 313      | 4,173       |
| Cost ..... \$                            | 3,671                      | 35,990                 | 39,661     | 870                               | -                           | 892               | -                | 1,762    | 41,423      |
| Other oil - Quantity ..... gal.          | 5,549                      | -                      | 5,549      | 2,313                             | 5,897                       | 683               | -                | 8,893    | 14,442      |
| Cost ..... \$                            | 5,559                      | -                      | 5,559      | 2,891                             | 7,371                       | 546               | -                | 10,808   | 16,367      |
| Average number of employees:             |                            |                        |            |                                   |                             |                   |                  |          |             |
| Pilots and co-pilots ..... No.           | 193                        | 610                    | 803        | 65                                | 91                          | 28                | 50               | 234      | 1,037       |
| Other flight personnel ..... "           | 254                        | 761                    | 1,015      | 9                                 | 54                          | 14                | 22               | 99       | 1,114       |
| General management ..... "               | 526                        | 2,569                  | 3,095      | 34                                | 52                          | 48                | 20               | 154      | 336         |
| Maintenance labour ..... "               | 849                        | 3,961                  | 4,810      | 117                               | 191                         | 67                | 129              | 558      | 3,653       |
| Aircraft and traffic servicing ..... "   | 685                        | 3,889                  | 4,574      | 1                                 | 101                         | 112               | 62               | 392      | 5,202       |
| Other personnel ..... "                  | 2,624                      | 11,855                 | 14,479     | 397                               | 20                          | 8                 | 47               | 76       | 4,650       |
| Total employees ..... "                  |                            |                        |            |                                   | 509                         | 277               | 330              | 1,513    | 15,992      |
| Salaries and wages:                      |                            |                        |            |                                   |                             |                   |                  |          |             |
| Pilots and co-pilots ..... \$            | 257,264                    | 790,001                | 1,047,265  | 45,186                            | 82,969                      | 23,360            | 41,657           | 193,172  | 1,240,437   |
| Other flight personnel ..... \$          | 130,333                    | 359,060                | 489,393    | 2,851                             | 22,907                      | 3,926             | 7,253            | 36,937   | 526,330     |
| General management ..... \$              | 99,010                     | 210,110                | 309,120    | 15,958                            | 23,965                      | 21,324            | 13,552           | 74,799   | 289,309     |
| Maintenance labour ..... \$              | 247,402                    | 1,326,900              | 1,574,302  | 81,358                            | 93,549                      | 33,702            | 46,700           | 255,309  | 1,829,611   |
| Aircraft and traffic servicing ..... \$  | 394,147                    | 1,943,562              | 2,337,709  | 38,089                            | 62,374                      | 41,166            | 23,341           | 164,970  | 2,502,679   |
| Other personnel ..... \$                 | 267,791                    | 1,977,663              | 2,245,454  | 270                               | 4,915                       | 4,679             | 10,898           | 20,762   | 2,266,216   |
| Total salaries and wages ..... \$        | 1,395,947                  | 6,508,286              | 7,904,233  | 183,712                           | 290,679                     | 128,157           | 143,401          | 745,949  | 8,650,182   |

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Excludes Trans-Canada Air Lines.

(3) Standard passenger weight used: 200 pounds.

(4) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(5) These data exclude non-transportation services, except for hours flown.

TABLE 5. Revenue Interline Traffic(1), Canadian Scheduled Carriers - All Services, by Company

June 1964

|                                | Canadian<br>Pacific<br>Air Lines | Eastern<br>Provincial<br>Airways<br>(1963) | Pacific<br>Western<br>Airlines | Quebecair<br>Inc. | Transair<br>Ltd. | Trans-<br>Canada<br>Air Lines | Total      |
|--------------------------------|----------------------------------|--|--------------------------------|-------------------|------------------|-------------------------------|------------|
| <b>Passengers carried:</b>     |                                  |  |                                |                   |                  |                               |            |
| Originated .....               | 37,504                           | 6,461                                      | 15,750                         | 10,264            | 5,284            | 302,547                       | 377,810    |
| Domestic interline .....       | 3,218                            | -  | -                              | -                 | -                | 72,270                        | 79,420     |
| Foreign interline .....        | 3,932                            | -  | -                              | -                 | -                | -                             | -          |
| Totals(2) .....                | 44,654                           | 6,461                                      | 15,750                         | 10,264            | 5,284            | 374,817                       | 457,230    |
| <b>Express carried:</b>        |                                  |  |                                |                   |                  |                               |            |
| Originated .....               | 80,429                           | 27,322                                     | 35,096                         | -                 | 13,279           | 1,064,817                     | 1,220,943  |
| Domestic interline .....       | -                                | -  | -                              | -                 | -                | -                             | -          |
| Foreign interline .....        | -                                | -  | -                              | -                 | -                | -                             | -          |
| Totals(2) .....                | 80,429                           | 27,322                                     | 35,096                         | -                 | 13,279           | 1,064,817                     | 1,220,943  |
| <b>Freight carried:</b>        |                                  |  |                                |                   |                  |                               |            |
| Originated .....               | 506,437                          | 758,828                                    | 564,656                        | 217,188           | 62,057           | 5,445,123                     | 7,554,289  |
| Domestic interline .....       | 19,342                           | -  | -                              | -                 | -                | -                             | 19,342     |
| Foreign interline .....        | 38,187                           | -  | -                              | -                 | -                | -                             | 38,187     |
| Totals(2) .....                | 563,966                          | 758,858                                    | 564,656                        | 217,188           | 62,057           | 5,445,123                     | 7,611,818  |
| <b>Excess baggage carried:</b> |                                  |  |                                |                   |                  |                               |            |
| Originated .....               | 51,330                           | 14,143                                     | 26,567                         | 36,293            | 10,279           | -                             | 138,612(3) |
| Domestic interline .....       | -                                | -  | -                              | -                 | -                | -                             | -          |
| Foreign interline .....        | -                                | -  | -                              | -                 | -                | -                             | -          |
| Totals(2) .....                | 51,330                           | 14,143                                     | 26,567                         | 36,293            | 10,279           | -                             | 138,612(3) |
| <b>Mail carried:</b>           |                                  |  |                                |                   |                  |                               |            |
| Originated .....               | 224,750                          | 125,089                                    | 149,770                        | 35,236            | 25,511           | 2,942,365                     | 3,502,721  |
| Domestic interline .....       | -                                | -  | -                              | -                 | -                | -                             | -          |
| Foreign interline .....        | -                                | -  | -                              | -                 | -                | -                             | -          |
| Totals(2) .....                | 224,750                          | 125,089                                    | 149,770                        | 35,236            | 25,511           | 2,942,365                     | 3,502,721  |

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Board.

(2) Excludes division interline.

(3) Excludes Trans-Canada Air Lines.

TABLE 6. Operating Statistics, Canadian International Carriers - All Revenue Services, by area of Service

June 1964

|  | Trans-<br>Border<br>Services | Trans-<br>Atlantic<br>and Polar<br>Services | Southern<br>Services | Pacific<br>and<br>Orient<br>Services | Total<br>International<br>Services | Domestic<br>Services | Grand<br>total |
|--|------------------------------|---|----------------------|--------------------------------------|------------------------------------|----------------------|----------------|
| Unit toll:   |                              |   |                      |                                      |                                    |                      |                |
| Departures .....   | 1,988                        | 403   | 408                  | 92                                   | 2,891                              | 10,672               | 13,583         |
| Hours flown .....  | 2,732                        | 1,649                                       | 1,186                | 567                                  | 6,134                              | 12,752               | 18,886         |
| Miles scheduled .....                                    | 605,483                      | 741,574                                     | 478,201              | 263,858                              | 2,089,116                          | 3,342,269            | 5,431,385      |
| Miles flown:   |                              |   |                      |                                      |                                    |                      |                |
| Scheduled - Regular .....                                | 597,506                      | 741,574                                     | 477,006              | 263,858                              | 2,079,944                          | 3,315,208            | 5,395,152      |
| Extra sections .....                                     | 36,842                       | 53,707                                      | 8,817                | -                                    | 99,366                             | 147,448              | 246,814        |
| Non-scheduled .....                                      | -                            | -   | -                    | -                                    | -                                  | -                    | -              |
| Totals .....   | 634,348                      | 795,281                                     | 485,823              | 263,858                              | 2,179,310                          | 3,462,656            | 5,641,966      |
| Ratio of regular miles flown to miles<br>scheduled ..... | 98.7                         | 100.0                                       | 99.8                 | 100.0                                | 99.6                               | 99.2                 | 99.3           |
| Passengers carried .....                                 | No.                          | ...   | ...                  | ...                                  | 143,369                            | 276,102              | 419,471        |
| Cargo carried .....                                      | lb.                          | ...   | ...                  | ...                                  | 2,878,893                          | 4,315,442            | 7,194,335      |
| Mail carried .....                                       | ...                          | ...   | ...                  | ...                                  | 383,911                            | 2,783,204            | 3,167,115      |
| Passenger-miles .....                                    | No.                          | 37,908,950                                  | 28,379,438           | 16,221,651                           | 153,776,597                        | 203,222,386          | 356,998,983    |
| Available seat-miles on scheduled services               | "                            | 54,902,942                                  | 62,364,446           | 34,041,359                           | 256,264,154                        | 300,349,194          | 556,613,348    |
| Passenger load factor on scheduled services              |                              | 69.0  | 45.5                 | 47.7                                 | 60.0                               | 67.1                 | 63.6           |
| Goods ton-miles:   |                              |   |                      |                                      |                                    |                      |                |
| Express .....  | 68,672                       | -   | -                    | -                                    | 68,672                             | 332,376              | 401,048        |
| Freight .....  | 307,044                      | 858,231                                     | 295,033              | 313,349                              | 1,773,657                          | 2,307,752            | 4,081,409      |
| Excess baggage .....                                     | 21,753                       | 33,042                                      | 36,618               | 17,411                               | 108,824                            | 131,231              | 240,055        |
| Mail .....   | 39,664                       | 146,019                                     | 73,972               | 90,277                               | 349,932                            | 1,009,449            | 1,359,381      |
| Totals .....   | 437,133                      | 1,037,292                                   | 405,623              | 421,037                              | 2,301,085                          | 3,780,808            | 6,081,893      |
| Available ton-miles on scheduled service ....            | 6,816,640                    | 14,925,144                                  | 7,789,800            | 4,354,310                            | 33,885,894                         | 42,597,578           | 76,483,472     |
| Weight load factor on scheduled services(1)              | 62.0                         | 54.7  | 41.6                 | 46.9                                 | 52.2                               | 56.6                 | 54.6           |
| Bulk:  |                              |   |                      |                                      |                                    |                      |                |
| Departures .....   | 96                           | 463   | -                    | -                                    | 559                                | ...                  | ...            |
| Hours flown .....  | 164                          | 1,577                                       | -                    | -                                    | 1,741                              | ...                  | ...            |
| Miles flown .....  | 32,443                       | 565,235                                     | -                    | -                                    | 597,678                            | ...                  | ...            |
| Passengers carried .....                                 | 744                          | 14,984                                      | -                    | -                                    | 15,728                             | ...                  | ...            |
| Goods carried .....                                      | 800                          | 148,669                                     | -                    | -                                    | 149,469                            | ...                  | ...            |
| Passenger-miles(2) .....                                 | No.                          | ...   | -                    | -                                    | 50,345,347                         | ...                  | ...            |
| Goods ton-miles(2) .....                                 | "                            | 74,246                                      | -                    | -                                    | 74,246                             | ...                  | ...            |
| Total:   |                              |   |                      |                                      |                                    |                      |                |
| Departures .....   | 2,084                        | 866   | 408                  | 92                                   | 3,450                              | ...                  | ...            |
| Hours flown .....  | 2,896                        | 3,226                                       | 1,186                | 567                                  | 7,875                              | ...                  | ...            |
| Miles flown .....  | 666,791                      | 1,360,516                                   | 485,823              | 263,858                              | 2,776,988                          | ...                  | ...            |
| Passengers carried .....                                 | ...                          | ...   | ...                  | ...                                  | 159,097                            | ...                  | ...            |
| Goods carried .....                                      | ...                          | ...   | ...                  | ...                                  | 3,412,273                          | ...                  | ...            |
| Passenger-miles(2) .....                                 | No.                          | ...   | ...                  | ...                                  | 204,121,944                        | ...                  | ...            |
| Goods ton-miles(2) .....                                 | "                            | 437,133                                     | 405,623              | 421,037                              | 2,375,331                          | ...                  | ...            |

(1) Standard passenger weight used: 200 pounds.  
(2) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

TABLE 7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)  
June 1964

|  | United States              |                 |           | Europe                    |                 |           |
|--|----------------------------|-----------------|-----------|---------------------------|-----------------|-----------|
|  | To                         | From            | Total     | To                        | From            | Total     |
| Passengers carried:                          |                            |                 |           |                           |                 |           |
| Unit toll ..... No.                          | 85,277                     | 87,010          | 172,287   | 24,605                    | 27,057          | 51,662    |
| Bulk ..... "                                 | 525                        | 644             | 1,169     | 8,310                     | 8,202           | 16,512    |
| Totals ..... "                               | 85,802                     | 87,654          | 173,456   | 32,915                    | 35,259          | 68,174    |
| Freight, express and excess baggage carried: |                            |                 |           |                           |                 |           |
| Unit toll ..... lb.                          | 504,274                    | 2,350,741       | 2,855,015 | 599,828                   | 1,196,410       | 1,796,238 |
| Bulk ..... "                                 | -                          | -               | -         | -                         | 34,630          | 34,630    |
| Totals ..... "                               | 504,274                    | 2,350,741       | 2,855,015 | 599,828                   | 1,231,040       | 1,830,868 |
| Mail carried (unit toll) ..... "             | 130,290                    | 235,448         | 365,738   | 117,511                   | 152,474         | 269,985   |
|  | All other areas            |                 |           | Totals                    |                 |           |
|  | To                         | From            | Total     | To                        | From            | Total     |
| Passengers carried:                          |                            |                 |           |                           |                 |           |
| Unit toll ..... No.                          | 3,878                      | 4,493           | 8,371     | 113,760                   | 118,560         | 232,320   |
| Bulk ..... "                                 | 890                        | 791             | 1,681     | 9,725                     | 9,637           | 19,362    |
| Totals ..... "                               | 4,768                      | 5,284           | 10,052    | 123,485                   | 128,197         | 251,682   |
| Freight, express and excess baggage carried: |                            |                 |           |                           |                 |           |
| Unit toll ..... lb.                          | 126,771                    | 118,198         | 244,969   | 1,230,873                 | 3,665,349       | 4,896,222 |
| Bulk ..... "                                 | -                          | -               | -         | -                         | 34,630          | 34,630    |
| Totals ..... "                               | 126,771                    | 118,198         | 244,969   | 1,230,873                 | 3,699,979       | 4,930,852 |
| Mail carried (unit toll) ..... "             | 17,830                     | 19,528          | 37,358    | 265,631                   | 407,450         | 673,081   |
|  | Total by Canadian carriers |                 |           | Total by Foreign carriers |                 |           |
|  | Leaving Canada             | Entering Canada | Total     | Leaving Canada            | Entering Canada | Total     |
| Passengers carried:                          |                            |                 |           |                           |                 |           |
| Unit toll ..... No.                          | 68,244                     | 71,443          | 139,687   | 45,516                    | 47,117          | 92,633    |
| Bulk ..... "                                 | 7,009                      | 6,515           | 13,524    | 2,716                     | 3,122           | 5,838     |
| Totals ..... "                               | 75,253                     | 77,958          | 153,211   | 48,232                    | 50,239          | 98,471    |
| Freight, express and excess baggage carried: |                            |                 |           |                           |                 |           |
| Unit toll ..... lb.                          | 666,296                    | 2,026,780       | 2,693,076 | 564,577                   | 1,638,569       | 2,203,146 |
| Bulk ..... "                                 | -                          | 34,630          | 34,630    | -                         | -               | -         |
| Totals ..... "                               | 666,296                    | 2,061,410       | 2,727,706 | 564,577                   | 1,638,569       | 2,203,146 |
| Mail carried (unit toll) ..... "             | 169,203                    | 191,391         | 360,594   | 96,428                    | 216,059         | 312,487   |

(1) Passengers and goods in transit through Canada are excluded.

TABLE 8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service

June 1964

|                                      | Fixed wing aircraft |                |               |                | Helicopters   |                |               |                |
|--------------------------------------|---------------------|----------------|---------------|----------------|---------------|----------------|---------------|----------------|
|                                      | Month               |                | Year to date  |                | Month         |                | Year to date  |                |
|                                      | Revenue hours       | Revenue earned | Revenue hours | Revenue earned | Revenue hours | Revenue earned | Revenue hours | Revenue earned |
|                                      | No.                 | \$             | No.           | \$             | No.           | \$             | No.           | \$             |
| Type of service:                     |                     |                |               |                |               |                |               |                |
| Aerial advertising .....             | -                   | -              | 2             | 170            | -             | -              | 124           | 12,147         |
| Aerial fish cultivation .....        | -                   | -              | -             | -              | -             | -              | -             | -              |
| Aerial patrol and inspection .....   | 1,864               | 156,185        | 5,024         | 549,218        | 567           | 51,719         | 2,140         | 228,676        |
| Aerial pest control .....            | 2,880               | 271,449        | 3,294         | 299,862        | -             | -              | -             | -              |
| Aerial photography and survey .....  | 395                 | 43,398         | 1,668         | 173,297        | 120           | 12,180         | 206           | 14,375         |
| Aerial photography (excl. survey) .. | 246                 | 92,617         | 531           | 113,586        | 27            | 2,230          | 85            | 7,310          |
| Aircraft rental .....                | 68                  | 1,166          | 446           | 15,445         | -             | -              | 3             | 250            |
| Flying training .....                | 3,286               | 56,184         | 15,647        | 269,477        | -             | -              | 209           | 15,750         |
| Geophysical survey .....             | 837                 | 70,610         | 3,995         | 415,096        | 426           | 84,336         | 493           | 93,583         |
| Non-transportation charter .....     | 81                  | 9,823          | 591           | 31,846         | -             | -              | 2             | 509            |
| Philanthropic .....                  | -                   | -              | -             | -              | -             | -              | -             | -              |
| Recreational flying .....            | 1,280               | 33,613         | 5,574         | 122,084        | 13            | 823            | 47            | 5,360          |
| Specialty flying - Other .....       | -                   | -              | 83            | 10,602         | 1             | 255            | 17            | 3,026          |
| Totals .....                         | 10,937              | 735,045        | 36,855        | 2,000,683      | 1,154         | 151,543        | 3,326         | 380,986        |

TABLE 9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV

June 1964

|                                       | Carriers operating helicopters only |              | Carriers operating both helicopters and fixed wing aircraft |              | Total  |              |
|---------------------------------------|-------------------------------------|--------------|---|--------------|--------|--------------|
|                                       | Month                               | Year to date | Month   | Year to date | Month  | Year to date |
| Carriers reporting .....              | No.                                 | 15           | ...   | 7            | ...    | 22           |
| Helicopters - Owned .....             | "                                   | 126          | 115   | 11           | 137    | 126          |
| Leased .....                          | "                                   | 15           | 9   | -            | 15     | 11           |
| Totals .....                          | "                                   | 141          | 124   | 11           | 152    | 137          |
| Revenue hours flown - Unit toll ..... | "                                   | -            | 24  | -            | -      | 24           |
| Bulk .....                            | "                                   | 6,788        | 15,594  | 337          | 1,286  | 7,125        |
| Specialty .....                       | "                                   | 901          | 2,605   | 280          | 746    | 1,181        |
| Totals .....                          | "                                   | 7,689        | 18,223  | 617          | 2,032  | 8,306        |
| Non-revenue hours flown .....         | "                                   | 264          | 1,151   | 23           | 133    | 287          |
| Fuel and oil consumed:                |                                     |              |   |              |        |              |
| Gasoline .....                        | gal.                                | 134,288      | 329,303   | 13,337       | 43,340 | 147,625      |
| Cost .....                            | \$                                  | 62,112       | 147,018   | 6,020        | 19,412 | 68,132       |
| Oil .....                             | gal.                                | 2,040        | 6,786   | 291          | 951    | 2,331        |
| Cost .....                            | \$                                  | 3,069        | 12,169  | 419          | 1,268  | 3,488        |
| Average number of employees:          |                                     |              |   |              |        |              |
| Pilots .....                          | No.                                 | 139          | 110   | 7            | 12     | 146          |
| Administrative .....                  | "                                   | 48           | 46  | -            | 1      | 48           |
| Maintenance labour .....              | "                                   | 129          | 111   | 6            | 8      | 135          |
| Other personnel .....                 | "                                   | 7            | 8   | -            | -      | 7            |
| Totals .....                          | "                                   | 323          | 275   | 13           | 21     | 336          |
| Salaries and wages:                   |                                     |              |   |              |        |              |
| Pilots .....                          | \$                                  | 118,138      | 453,978   | 4,324        | 47,421 | 122,462      |
| Administrative .....                  | \$                                  | 27,512       | 164,846   | -            | 5,670  | 27,512       |
| Maintenance labour .....              | \$                                  | 65,505       | 324,519   | 3,531        | 25,298 | 69,036       |
| Other personnel .....                 | \$                                  | 1,762        | 14,481  | -            | -      | 1,762        |
| Totals .....                          | \$                                  | 212,917      | 957,824   | 7,855        | 78,389 | 220,772      |



TABLE 10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV  
June 1964

|  | Current month | Year to date |
|--|---------------|--------------|
|  | dollars       |              |
| Operating revenues:                      |               |              |
| Unit toll transportation:                |               |              |
| Passengers .....                         | -             | 102          |
| Express .....                            | -             | -            |
| Freight .....                            | -             | -            |
| Excess baggage .....                     | -             | -            |
| Mail .....                               | -             | -            |
| Total unit toll transportation .....     | -             | 102          |
| Bulk transportation .....                | 738,300       | 1,899,506    |
| Total transportation .....               | 738,300       | 1,899,608    |
| Other flying services .....              | 150,003       | 301,809      |
| Total flying services .....              | 888,303       | 2,201,417    |
| Non-flying services .....                | 68,709        | 84,871       |
| Total operating revenues .....           | 957,012       | 2,286,288    |
| Operating expenses:                      |               |              |
| Flying operations .....                  | 493,214       | 1,193,701    |
| Maintenance .....                        | 151,610       | 614,510      |
| General service and administration ..... | 78,581        | 391,455      |
| Depreciation and amortization .....      | 53,874        | 255,251      |
| Total operating expenses .....           | 777,279       | 2,454,917    |
| Operating income (deficit) .....         | 179,733       | Dr. 168,629  |
| Non-operating income:                    |               |              |
| Capital gains and losses .....           | 2,518         | 12,562       |
| Interest and discounts .....             | 2,851         | 7,337        |
| Miscellaneous non-operating income ..... | Dr. 38,038    | 1,415        |
| Income before interest expense .....     | 147,064       | Dr. 147,315  |
| Interest expense .....                   | 8,411         | 65,148       |
| Income before income taxes .....         | 138,653       | Dr. 212,463  |
| Provision for income taxes .....         | 355           | 355          |
| Net income after income taxes .....      | 138,298       | Dr. 212,818  |

TABLE 11. Operating Statistics, Canadian Group V Carriers  
June 1964

|   | Quarter   | Year to date |
|---|-----------|--------------|
| Reporting carriers .....                | 277       | ...          |
| Transportation:                         |           |              |
| Hours flown .....                       | 25,631    | 40,207       |
| Passengers carried .....                | 57,829    | 83,297       |
| Goods carried .....                     | 4,374,743 | 6,245,964    |
| Specialty flying services:              |           |              |
| Aerial advertising .....                | hr. -     | -            |
| Aerial fish cultivation .....           | " -       | -            |
| Aerial patrol and inspection .....      | 2,382     | 3,378        |
| Aerial pest control .....               | 3,691     | 3,697        |
| Aerial photography and survey .....     | 207       | 330          |
| Aerial photography (excl. survey) ..... | 62        | 116          |
| Aircraft rental .....                   | 4,700     | 7,307        |
| Flying training .....                   | 22,772    | 39,182       |
| Geophysical survey .....                | 101       | 106          |
| Non-transportation charter .....        | 41        | 45           |
| Philanthropic .....                     | -         | -            |
| Recreational flying .....               | 5,399     | 7,391        |
| Specialty flying - Other .....          | 536       | 683          |
| Totals .....                            | 39,891    | 62,235       |
| Total - All services:                   |           |              |
| Revenue hours flown .....               | 65,522    | 102,442      |
| Non-revenue hours flown .....           | 3,880     | 6,212        |

CIVIL AVIATION DEFINITIONS(1)

Bulk Transportation:

- (1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4); and
- (2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).

Classification of Canadian  
Carriers by Groups

- Group I Carriers: Canadian Air Carriers licensed to perform both domestic and international scheduled services. (Trans-Canada Air Lines and Canadian Pacific Air Lines Ltd.).
- Group II Carriers: Canadian Air Carriers other than Group I carriers licensed to perform domestic scheduled services and Nordair Ltd.(2).
- Group III Carriers: Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$500,000 or over (excepting air carriers included in Group I and II).
- Group IV Carriers: Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$100,000 and over, but less than \$500,000.
- Group V Carriers: Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of less than \$100,000.

Cargo:

Air freight and air express (excluding mail and excess baggage).

Carrier, Air:

Any person who operates aircraft in or over Canada for hire or reward.

Non-Scheduled Carriers: Carriers not operating any scheduled (Class I) service.

Scheduled Carriers: Air Carriers serving designated points in accordance with a service schedule and at a toll per unit.

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- (1) Reference to Classes refers to the classification of air carriers as defined by the Air Transport Board and published in the "Directory of Canadian Commercial Air Services" Queen's Printer, Ottawa.
  - (2) For statistical purposes in this report, Nordair Ltd. is included with Group III carriers.

Freedoms of the Air:

- First Freedom: The privilege to fly over the territory of a foreign country without landing.
- Second Freedom: The privilege to land on the territory of a foreign country for non-traffic purposes.
- Third Freedom: The privilege to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
- Fourth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
- Fifth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the privilege to put down in a foreign country, passengers, mail and cargo coming from any such territory.

Goods: Air Cargo (freight and express) plus mail and excess baggage.

Interline Traffic:

- Domestic Interline: Passengers and goods received by a carrier at Canadian points from other Canadian Air Carriers.
- Foreign Interline: Passengers and goods received by a carrier from Foreign Air Carriers.
- Divisional Interline: Passengers and goods received from other operating divisions of the same carrier.

International Services:

- Trans-Border Services: Services between Canada and the United States.
- Southern Services: Services between Canada and Bermuda, the Caribbean, Mexico, Central or South America.
- Trans-Atlantic and Polar Services: Services between Canada and Europe.
- Pacific and Orient Services: Services between Canada and points in the Pacific Ocean or the Orient.

Load Capacity Available: Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, stewards' supplies, etc.

|                                   |  |
|-----------------------------------|--|
| <u>Load Factor, Passenger:</u>    | Ratio of revenue passenger-miles performed to available seat-miles.  |
| <u>Load Factor, Weight:</u>       | - See Weight, Load-Factor.   |
| <u>Miles:</u>                     | Statute miles of 5,280 ft.   |
| <u>Passenger:</u>                 | A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger. A round trip passenger is counted as two passengers.   |
| Passenger Load-Factor:            | - See Load Factor, Passenger.  |
| Passenger-Mile:                   | The transportation of one passenger one mile.  |
| Non-Revenue Passenger:            | A child or adult carried on a revenue transportation flight for whom no fare is collected, including company personnel.  |
| Revenue Passenger:                | A child or adult for which a fare or part of a fare is paid.   |
| <u>Seat-Miles Available:</u>      | Seats available for the transportation of passengers multiplied by the miles flown on each inter-station flight.   |
| <u>Specialty Flying Services:</u> | Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising.   |
| <u>Tons:</u>                      | Short tons of 2,000 lbs.   |
| <u>Ton-Mile:</u>                  | The transportation of one ton of goods one mile.   |
| <u>Ton-Miles Available:</u>       | Available load capacity multiplied by miles flown on each inter-station flight.  |
| <u>Unit Toll Transportation:</u>  | Public transportation of passengers and goods at a toll per unit. It includes: <ul style="list-style-type: none"><li>(i) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class I); and</li><li>(ii) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3).</li></ul> |
| <u>Weight Load Factor:</u>        | Ratio of revenue ton-miles performed to available ton-miles.   |







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## CIVIL AVIATION

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## SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures are not available.
- ... Figures not appropriate or not applicable.
- Nil or zero.



## INTRODUCTION

"Civil Aviation" reports are prepared from monthly and quarterly schedules filed with the Air Transport Board and the Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly returns filed with the Dominion Bureau of Statistics by foreign air carriers operating in Canada.

For reporting purposes, Canadian air carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. These groups are described on page twenty of this publication along with other definitions. It should be noted that the definition of each of the five groups has been revised as of 1st January, 1964. This revision resulted in four former group III carriers being transferred to Group IV and 24 former Group IV carriers being transferred to Group V. It should also be noted that Nordair Ltd., classified as a Group II carrier by the Air Transport Board, is included with Group III carriers for statistical purposes. Group V comprises small air carriers required to file returns on a quarterly basis only. Data on their operations are excluded from the other carrier statistics appearing throughout the report.

Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. A complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

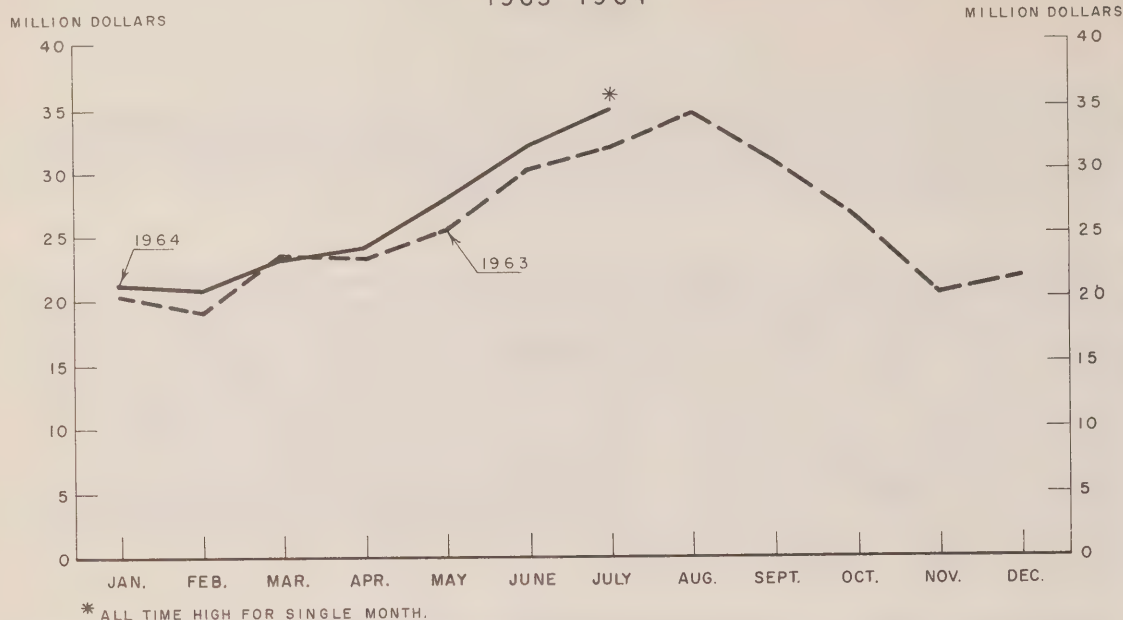
Domestic and international operations of Canadian carriers are combined in all tables except Table 6 which provides a breakdown of domestic and international operations for Canadian carriers operating international unit toll and bulk services.

Commencing with the January, 1964 issue, bulk transport passenger-miles and goods-ton-miles have been added to the statistical data of this report. However, because of survey limitations, this data refers only to aircraft which has a minimum authorized take-off weight on wheels in excess of 18,000 pounds. Operating data covering bulk international flights have also been added to Table 6. It should be noted, however, that the number of carriers reporting international bulk services may vary from month to month.

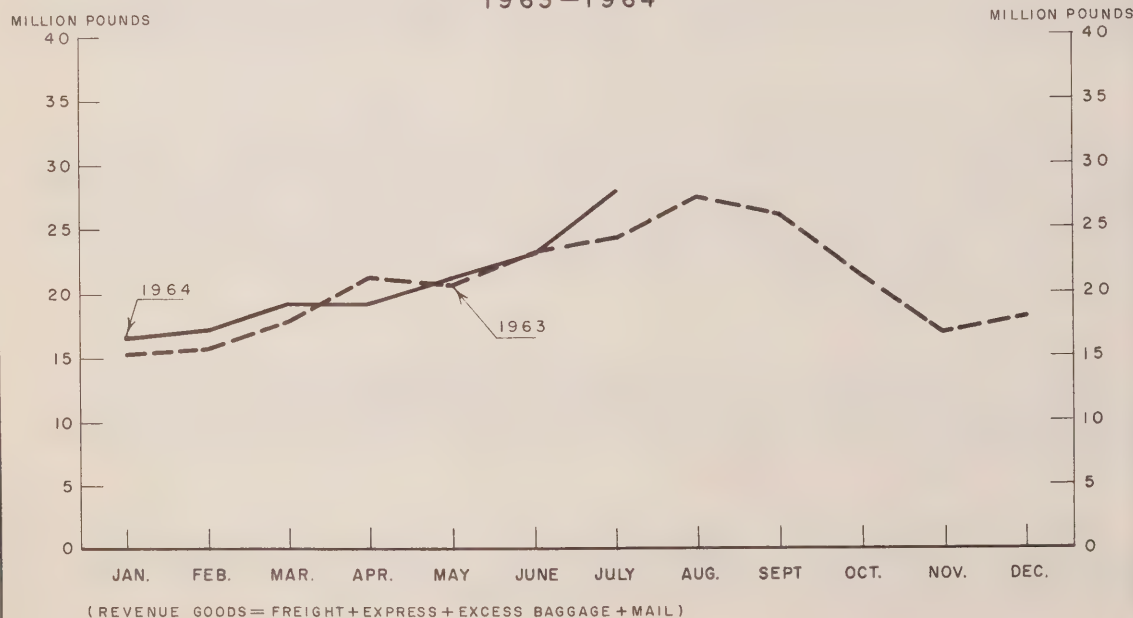
Table 7 provides data on traffic leaving and entering Canada on an area of service basis. Passengers, cargo and mail in transit through Canada are excluded. The table contains the operations of both Canadian and Foreign carriers with separate totals for each.

Also commencing with the January, 1964 issue of "Civil Aviation", data on helicopters have been expanded to include more detail. A split has been made between the use of fixed wing aircraft and helicopters for specialty flying.

# OPERATING REVENUE OF CANADIAN AIR CARRIERS 1963-1964



# REVENUE GOODS CARRIED BY CANADIAN AIR CARRIERS 1963-1964



## REVIEW OF JULY OPERATIONS

Increases were reported in the transportation of both revenue passengers and goods by Canadian Air Carriers during the month of July compared with July 1963. Although passengers carried totalled 563,518, an increase of 8.2 per cent, goods transported showed an increase of 14.8 per cent to 13,905 tons. The revenue miles flown were up 2.9 per cent to 11,108,532. Passenger-miles and goods-ton-miles performed by Canadian carriers in unit toll and bulk services totalled 471,974,478 and 9,804,177 respectively. Unit toll services accounted for 84.4 per cent of the total passenger-miles and 75.2 per cent of the total goods-ton-miles.

July operating revenues showed a 9.3 per cent increase over July 1963 to \$34,875,850 while operating expenses increased 7.3 per cent to \$28,454,209, thus an operating income of \$6,421,641 was reported. This compared with an income of \$5,380,906 for the same month of the previous year. A net income after provision for income taxes of \$5,724,174 was reported as against a net income of \$4,472,-174 in July 1963.

Revenue hours reported flown by 14 carriers who operated 142 helicopters exclusively amounted to 11,467. Hours reported flown by 12 helicopters operated by 7 fixed wing carriers totalled 811. Operating revenues reported by helicopter carriers amounted to \$1,245,802 while operating expenses amounted to \$583,366.

In July the six scheduled carriers transported 495,566 revenue passengers, 87.9 per cent of passengers carried by all Canadian carriers. They also carried 7,240 tons of revenue goods, 52.1 per cent of the total. Operating revenues amounted to \$30,058,029 or 86.2 per cent of all Canadian air carrier revenues. Operating expenses amounted to \$25,303,001 or 88.9 per cent of the total. Comparable figures for July 1963 are: passengers 85.8 per cent, goods 51.0 per cent, revenues 85.3 per cent and expenses 87.7 per cent.

Revenue passenger-miles performed by Canadian carriers in international unit toll service in July amounted to 171,629,883 or 44.9 per cent of the total unit toll passenger-miles. The division of international services by air was as follows:

| <u>Area</u>                    | <u>Percentage</u> |
|--------------------------------|-------------------|
| Trans-Border .....             | 23.5              |
| Trans-Atlantic and Polar ..... | 53.2              |
| Southern .....                 | 13.8              |
| Pacific and Orient .....       | 9.5               |
| Total .....                    | 100.0             |

### The Cumulative View:

The first seven months of 1964 compared with the same period of 1963 showed the revenue passengers were up 4.8 per cent to 3,223,727, while revenue goods rose 4.2 per cent to 72,168 tons. Passenger-miles and goods-ton-miles performed by Canadian carriers totalled 2,428,919,140 and 58,793,-022 respectively. Operating revenues increased 5.6 per cent to \$184,005,698 while operating expenses rose 5.8 per cent to \$176,388,022.

### Foreign Carriers:

Foreign carriers licensed to operate in Canada transported 96,144 revenue passengers during July, an increase of 8.6 per cent over July 1963. Revenue goods carried totalled 1,100 tons, an increase of 18.1 per cent.

Foreign carriers report hours and miles flown over Canadian territory only. Statistics of passengers and goods in transit have been excluded.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

July 1964

|                                      | Canadian carriers                       |                        |           |                        | Total Canadian carriers | Foreign carriers(2)       |            | Grand total all carriers | Year to date  |
|--------------------------------------|---|------------------------|-----------|------------------------|-------------------------|---------------------------|------------|--------------------------|---------------|
|                                      | Scheduled carriers<br>Group I and II(1) | Non-scheduled carriers |           | United States carriers |                         | Other Foreign carriers(3) |            |                          |               |
|                                      |   | Group III(1)           | Group IV  |                        |                         |                           | Total      |                          |               |
| Number of carriers reporting ...     | 6                                       | 15                     | 48        | 63                     | 69                      | 10                        | 9          | 88                       | ..            |
| Revenue transportation services:     |   |                        |           |                        |                         |                           |            |                          |               |
| Unit toll:                           |   |                        |           |                        |                         |                           |            |                          |               |
| Departures .....                     | 19,429                                  | 2,912                  | 740       | 3,652                  | 23,081                  | ..                        | ..         | ..                       | ..            |
| Hours flown .....                    | 25,346                                  | 3,047                  | 522       | 3,569                  | 28,915                  | 345                       | 1,161      | 30,421                   | 181,164       |
| Miles scheduled .....                | 6,476,209                               | ...                    | ...       | ...                    | 6,476,209               | 82,850                    | 464,150    | 7,023,209                | 42,460,714    |
| Miles flown:                         |   |                        |           |                        |                         |                           |            |                          |               |
| Scheduled .....                      | 6,515,013                               | ...                    | ...       | ...                    | 6,515,013               | 82,158                    | 472,534    | 7,069,705                | 42,891,271(4) |
| Non-scheduled .....                  | 300,221                                 | 385,706                | 60,648    | 446,354                | 746,575                 | -                         | -          | 746,575                  | 4,076,533(4)  |
| Totals .....                         | 6,815,234                               | 385,706                | 60,648    | 446,354                | 7,261,588               | 82,158                    | 472,534    | 7,816,280                | 46,967,804    |
| Passengers carried .....             | 464,555                                 | 12,446                 | 2,730     | 15,176                 | 479,731                 | 59,121                    | 29,504     | 568,356                  | 3,438,007     |
| Goods carried:                       |   |                        |           |                        |                         |                           |            |                          |               |
| Cargo .....                          | 8,651,234                               | 761,919                | 283,406   | 1,045,325              | 9,696,559               | 670,188                   | 1,212,470  | 11,722,594               | 77,724,450    |
| Excess baggage .....                 | 131,555(5)                              | 7,045                  | 4,777     | 11,822                 | 143,377                 | 123,748                   | 146,526    | 3,978,291                | 28,758,252    |
| Mail .....                           | 3,585,435                               | 103,758                | 18,824    | 122,582                | 3,708,017               | 793,936                   | 1,358,996  | 15,700,885               | 106,482,702   |
| Totals .....                         | 12,368,224                              | 872,722                | 307,007   | 1,179,729              | 13,547,953              | 2,600,434                 | 25,311,405 | 426,355,171              | 2,335,701,399 |
| Passenger-miles .....                | 395,747,227                             | 2,540,605              | 155,500   | 2,696,105              | 398,443,332             | 2,600,434                 | 25,311,405 | 426,355,171              | 2,335,701,399 |
| Goods ton-miles:                     |   |                        |           |                        |                         |                           |            |                          |               |
| Cargo .....                          | 4,682,595                               | 452,346                | 502,056   | 954,402                | 5,636,997               | 17,454                    | 427,332    | 6,328,925                | 39,746,816    |
| Excess baggage .....                 | 242,895                                 | 4,071                  | 176       | 4,247                  | 247,142                 | 2,736                     | 60,049     | 1,551,393                | 11,096,642    |
| Mail .....                           | 1,455,530                               | 32,110                 | 968       | 33,078                 | 1,488,608               | 20,190                    | 487,381    | 7,880,318                | 50,843,458    |
| Totals .....                         | 6,381,020                               | 488,527                | 503,200   | 991,727                | 7,372,747               | 20,190                    | 487,381    | 7,880,318                | 50,843,458    |
| Bulk:                                |   |                        |           |                        |                         |                           |            |                          |               |
| Departures .....                     | 5,594                                   | 10,750                 | 19,241    | 29,991                 | 35,585                  | ..                        | ..         | ..                       | ..            |
| Hours flown .....                    | 7,243                                   | 15,861                 | 16,926    | 32,787                 | 40,030                  | 7                         | 219        | 40,256                   | 139,135       |
| Miles flown .....                    | 1,367,624                               | 1,120,484              | 1,358,836 | 2,479,320              | 3,846,944               | 1,896                     | 73,049     | 3,921,889                | 14,912,419    |
| Passengers carried .....             | 31,011                                  | 22,189                 | 30,587    | 52,776                 | 83,787                  | 1,015                     | 6,504      | 91,306                   | 337,397       |
| Freight carried .....                | 2,111,357                               | 8,545,411              | 3,606,272 | 12,151,683             | 14,263,040              | -                         | 46,574     | 14,309,614               | 54,847,471    |
| Passenger-miles(6) .....             | 68,624,426                              | 4,688,754              | 217,966   | 4,906,720              | 73,531,146              | ..                        | ..         | ..                       | ..            |
| Goods ton-miles(6) .....             | 588,192                                 | 829,771                | 1,013,467 | 1,843,238              | 2,431,430               | -                         | 26,742     | 2,458,172                | ..            |
| Revenue non-transportation services: |   |                        |           |                        |                         |                           |            |                          |               |
| Specialty flying - Hours flown "     | 149                                     | 2,838                  | 8,914     | 11,752                 | 11,901                  | -                         | -          | 11,901                   | 52,082        |

See footnotes at end of table.



TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

July 1964

|                                    | Canadian carriers                        |                        |           |            |                        | Total Canadian carriers | Foreign carriers(2)       |             | Grand total all carriers | Year to date |
|------------------------------------|--|------------------------|-----------|------------|------------------------|-------------------------|---------------------------|-------------|--------------------------|--------------|
|                                    | Scheduled carriers<br>Groups I and II(1) | Non-scheduled carriers |           |            | United States carriers |                         | Other Foreign carriers(3) |             |                          |              |
|                                    |  | Group III(1)           | Group IV  | Total      |                        |                         |                           |             |                          |              |
| Total - All services:              |  |                        |           |            |                        |                         |                           |             |                          |              |
| Revenue:                           |  |                        |           |            |                        |                         |                           |             |                          |              |
| Traffic, miles and hours:(7)       |  |                        |           |            |                        |                         |                           |             |                          |              |
| Departures .....                   | No.                                      | 13,662                 | 19,981    | 33,643     | 58,666                 | ..                      | ..                        | 82,578      | ..                       | 372,381      |
| Hours flown .....                  |  | 21,746                 | 26,362    | 48,108     | 80,846                 | 352                     | 1,380                     | 11,738,169  | ..                       | 61,880,223   |
| Miles flown .....                  |  | 1,506,190              | 1,419,484 | 2,925,674  | 11,108,532             | 84,054                  | 545,583                   | 25,888,831  | ..                       | 3,775,404    |
| Passengers carried .....           |  | 34,635                 | 33,317    | 67,952     | 563,518                | 60,136                  | 36,008                    | 30,010,499  | ..                       | 131,767,977  |
| Cargo carried .....                | lb.                                      | 9,307,330              | 3,889,678 | 13,197,008 | 23,959,599             | 670,188(8)              | 1,259,044(8)              | 161,330,173 | ..                       | ..           |
| Goods carried .....                |  | 9,418,133              | 3,913,279 | 13,331,412 | 27,810,993             | 793,936                 | 1,405,570                 | ..          | ..                       | ..           |
| Passenger-miles(6) .....           | No.                                      | 7,229,359              | 373,466   | 7,602,825  | 471,974,478            | ..                      | ..                        | ..          | ..                       | ..           |
| Goods ton-miles(6) .....           | "  | 1,318,298              | 1,516,667 | 2,834,965  | 9,804,177              | 20,190                  | 514,123                   | ..          | ..                       | ..           |
| Non-revenue:                       |  |                        |           |            |                        |                         |                           |             |                          |              |
| Hours flown .....                  | "  | 627                    | 553       | 1,060      | 1,687                  | 1                       | ..                        | 1,688       | ..                       | 11,548       |
| Passengers carried .....           | "  | 3,063(5)               | 163       | 3,236      | 3,236                  | 1,108                   | 582                       | 4,926       | ..                       | ..           |
| Goods carried .....                | lb.                                      | 231,597(5)             | -         | 73,205     | 304,802                | 19,569                  | 93,108                    | 417,379     | ..                       | ..           |
| Passenger-miles .....              | "  | 3,804,815              | 222,598   | 4,028,281  | 4,028,281              | 45,312                  | 423,732                   | 4,497,325   | ..                       | ..           |
| Goods ton-miles .....              | "  | 658,396                | 47,998    | 706,394    | 706,394                | 414                     | 26,742                    | 733,550     | ..                       | ..           |
| Fuel and oil consumed:             |  |                        |           |            |                        |                         |                           |             |                          |              |
| Turbo, gal. - Quantity .....       | gal.                                     | 19,210,130             | 14,042    | 14,042     | 19,224,172             | 108,241                 | 2,798,436                 | 22,130,849  | ..                       | 127,837,994  |
| Gasoline - Quantity .....          | "  | 2,701,080              | 4,278     | 4,278      | 2,705,358              | 17,424                  | 427,809                   | 3,150,591   | ..                       | 18,477,876   |
| Cost .....                         | \$                                       | 1,333,946              | 857,051   | 1,269,847  | 2,603,793              | 36,971                  | 148,468                   | 2,789,232   | ..                       | 13,203,388   |
| Turbo oil - Quantity .....         | gal.                                     | 466,755                | 340,186   | 185,228    | 525,414                | 9,065                   | 26,363                    | 1,027,597   | ..                       | 4,771,115    |
| Cost .....                         | \$                                       | 3,962                  | 3         | 3          | 3,965                  | 35                      | 51                        | 4,051       | ..                       | 25,478       |
| Other oil - Quantity .....         | gal.                                     | 39,120                 | 46        | 46         | 39,166                 | 193                     | 507                       | 39,866      | ..                       | 245,880      |
| Cost .....                         | \$                                       | 15,697                 | 10,656    | 6,308      | 32,661                 | 176                     | 339                       | 33,176      | ..                       | 162,117      |
| Average number of employees:       |  | 18,364                 | 5,583     | 23,702     | 42,066                 | 200                     | 319                       | 42,585      | ..                       | 201,210      |
| Pilots and co-pilots .....         |  |                        |           |            |                        |                         |                           |             |                          |              |
| Other flight personnel .....       | No.                                      | 1,038                  | 326       | 662        | 1,700                  | ..                      | ..                        | ..          | ..                       | ..           |
| General management .....           | "  | 1,171                  | 18        | 45         | 1,216                  | ..                      | ..                        | ..          | ..                       | ..           |
| Maintenance labour .....           | "  | 316                    | 82        | 171        | 487                    | ..                      | ..                        | ..          | ..                       | ..           |
| Aircraft & traffic servicing ..... | "  | 3,708                  | 256       | 627        | 4,335                  | ..                      | ..                        | ..          | ..                       | ..           |
| Other personnel .....              | "  | 5,213                  | 54        | 168        | 5,381                  | ..                      | ..                        | ..          | ..                       | ..           |
| Totals .....                       | "  | 4,656                  | 202       | 321        | 4,977                  | ..                      | ..                        | ..          | ..                       | ..           |
| Salaries and wages paid:           |  |                        |           |            |                        |                         |                           |             |                          |              |
| Pilots and co-pilots .....         | \$                                       | 1,272,423              | 246,468   | 547,784    | 1,820,207              | ..                      | ..                        | 19,067      | ..                       | 18,269       |
| Other flight personnel .....       | "  | 551,350                | 5,397     | 25,374     | 576,724                | ..                      | ..                        | ..          | ..                       | ..           |
| General management .....           | "  | 274,398                | 60,119    | 129,092    | 403,490                | ..                      | ..                        | ..          | ..                       | ..           |
| Maintenance labour .....           | "  | 1,907,127              | 180,200   | 284,867    | 2,191,994              | ..                      | ..                        | ..          | ..                       | ..           |
| Aircraft & traffic servicing ..... | "  | 2,487,041              | 45,065    | 64,683     | 2,551,724              | ..                      | ..                        | ..          | ..                       | ..           |
| Other personnel .....              | "  | 2,334,103              | 69,785    | 109,915    | 2,444,018              | ..                      | ..                        | ..          | ..                       | ..           |
| Totals .....                       | "  | 8,826,442              | 676,462   | 1,161,715  | 9,988,157              | 133,228                 | 354,349                   | 10,475,734  | ..                       | 69,111,494   |

1) Group II, non-scheduled carriers, included with Group I.

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

(2) See "Foreign Carriers", page 7, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Trans-Canada Air Lines.

(6) Excludes chartered aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(7) These data exclude non-transportation services, except for hours flown.

(8) Includes excess baggage.

(9) Data in Tables 4, 5, 6, 7, 8 and 9 included in this table.



TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group  
July 1964

|                                       | Scheduled carriers |              |            | Non-scheduled carriers |           |           | Grand total | Year to date |
|---------------------------------------|--------------------|--------------|------------|------------------------|-----------|-----------|-------------|--------------|
|                                       | Group I            | Group II (1) | Total      | Group III (1)          | Group IV  | Total     |             |              |
|                                       | dollars            |              |            |                        |           |           |             |              |
| Operating revenues:                   |                    |              |            |                        |           |           |             |              |
| Unit toll transportation:             |                    |              |            |                        |           |           |             |              |
| Passengers .....                      | 22,403,073         | 1,191,013    | 23,594,086 | 334,765                | 32,030    | 356,795   | 23,960,881  | 134,185,502  |
| Express .....                         | 1,205,269          | 26,714       | 1,231,983  | 9,425                  | 744       | 10,169    | 1,242,152   | 3,307,880    |
| Freight .....                         | 1,067,826          | 208,359      | 1,276,185  | 126,072                | 19,682    | 145,754   | 1,421,939   | 9,558,700    |
| Excess baggage .....                  | 120,707            | 20,031       | 140,738    | 6,433                  | 339       | 6,772     | 150,510     | 936,592      |
| Mail .....                            | 349,502            | 106,838      | 456,340    | 42,859                 | 4,132     | 46,991    | 503,331     | 8,776,512    |
| Total unit toll transportation ..     | 25,146,377         | 1,555,955    | 26,702,332 | 519,554                | 56,927    | 576,481   | 27,278,813  | 156,765,186  |
| Bulk transportation .....             | 2,175,095          | 1,035,517    | 3,210,612  | 1,886,360              | 1,301,467 | 3,187,827 | 6,398,439   | 21,649,678   |
| Total transportation .....            | 27,321,472         | 2,591,472    | 29,912,944 | 2,405,914              | 1,358,394 | 3,764,308 | 33,677,252  | 178,414,864  |
| Other flying services .....           | 27,326,929         | 2,615,772    | 29,942,701 | 363,467                | 960,468   | 923,935   | 953,692     | 3,343,806    |
| Total flying services .....           | 92,093             | 23,235       | 115,328    | 2,769,381              | 1,918,862 | 4,688,243 | 34,630,944  | 181,758,070  |
| Non-flying services .....             | 27,419,022         | 2,639,007    | 30,058,029 | 38,513                 | 91,065    | 129,578   | 244,906     | 2,247,028    |
| Total operating revenues .....        |                    |              |            | 2,807,894              | 2,009,927 | 4,817,821 | 34,875,850  | 184,005,698  |
| Operating expenses:                   |                    |              |            |                        |           |           |             |              |
| Flying operations .....               | 5,886,037          | 905,892      | 6,791,929  | 911,974                | 632,762   | 1,544,736 | 8,336,665   | 47,851,412   |
| Maintenance .....                     | 4,458,274          | 637,889      | 5,096,163  | 519,478                | 298,962   | 818,440   | 5,914,603   | 38,875,434   |
| General services and administration:  |                    |              |            |                        |           |           |             |              |
| Passenger service .....               | 1,928,968          | 93,271       | 2,022,239  | ..                     | ..        | ..        | ..          | ..           |
| Aircraft and traffic servicing ..     | 3,257,689          | 323,893      | 3,581,582  | ..                     | ..        | ..        | ..          | ..           |
| Promotion and sales .....             | 4,102,633          | 139,618      | 4,242,251  | ..                     | ..        | ..        | ..          | ..           |
| General administration .....          | 930,458            | 113,963      | 1,044,421  | ..                     | ..        | ..        | ..          | ..           |
| Totals .....                          | 10,219,748         | 670,745      | 10,890,493 | 302,388                | 211,269   | 513,657   | 11,404,150  | 70,736,844   |
| Depreciation and amortization ..      | 2,390,319          | 134,097      | 2,524,416  | 152,113                | 122,262   | 274,375   | 2,798,791   | 18,924,332   |
| Total operating expenses .....        | 22,954,378         | 2,348,623    | 25,303,001 | 1,885,953              | 1,265,255 | 3,151,208 | 28,454,209  | 176,386,022  |
| Operating income (loss) .....         | 4,464,644          | 290,384      | 4,755,028  | 921,941                | 744,672   | 1,666,613 | 6,421,641   | 7,617,676    |
| Non-operating income - Net:           |                    |              |            |                        |           |           |             |              |
| Capital gains and losses .....        | 186,172            | 2,892        | 189,064    | 93,950                 | 6,012     | 99,962    | 289,026     | 728,683      |
| Interest and discounts .....          | 205,392            | 28           | 205,420    | 2,485                  | 586       | 3,071     | 208,491     | 1,105,305    |
| Miscellaneous non-operating income .. | 3,053              | 2,976        | 6,029      | Dr.                    | Dr.       | 20,468    | Dr.         | 9,325        |
| Income before interest expense .....  | 4,859,261          | 296,280      | 5,155,541  | 998,923                | 750,255   | 1,749,178 | 6,904,719   | 9,442,339    |
| Interest expense .....                | 977,503            | 61,448       | 1,038,951  | 38,641                 | 20,218    | 58,859    | 1,097,810   | 7,449,533    |
| Income before income taxes .....      | 3,881,758          | 234,832      | 4,116,590  | 960,282                | 730,037   | 1,690,319 | 5,806,909   | 1,992,806    |
| Provision for income taxes .....      | -                  | -            | -          | 30,240                 | 52,495    | 82,735    | 82,735      | 169,074      |
| Net income after income taxes .....   | 3,881,758          | 234,832      | 4,116,590  | 930,042                | 677,542   | 1,607,584 | 5,724,174   | 1,823,732    |

(1) Group II non-scheduled carriers included with Group III for purposes of this report.  
Note: Data in Tables 3, 8 and 10 included in this table.

TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

July 1964

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|                                       | Canadian<br>Pacific<br>Air Lines | Eastern<br>Provincial<br>Airways<br>(1963) | Pacific<br>Western<br>Airlines | Quebecair<br>Inc. | Transair<br>Ltd. | Trans-<br>Canada<br>Air Lines | Total      | Year<br>to<br>date |
|---------------------------------------|----------------------------------|--|--------------------------------|-------------------|------------------|-------------------------------|------------|--------------------|
| Operating revenues:                   |                                  |  |                                |                   |                  |                               |            |                    |
| Unit toll transportation:             |                                  |  |                                |                   |                  |                               |            |                    |
| Passengers .....                      | 4,544,261                        | 246,667                                    | 474,820                        | 289,617           | 179,909          | 17,858,812                    | 23,594,086 | 132,516,198        |
| Express .....                         | 243,574                          | 1,777                                      | 14,614                         | 6,838             | 3,485            | 961,695                       | 1,231,983  | 3,237,120          |
| Freight .....                         | 300,274                          | 74,400                                     | 72,553                         | 36,690            | 24,716           | 767,552                       | 1,276,185  | 8,883,395          |
| Excess baggage .....                  | 28,537                           | 4,368                                      | 9,978                          | 6,842             | 1,843            | 92,170                        | 143,738    | 8,903,169          |
| Mail .....                            | 19,738                           | 30,467                                     | 49,377                         | -                 | 26,994           | 329,764                       | 456,340    | 8,406,667          |
| Total unit toll transportation ..     | 5,136,384                        | 357,679                                    | 621,342                        | 339,987           | 236,947          | 20,009,993                    | 26,702,332 | 153,946,529        |
| Bulk transportation .....             | 821,995                          | 234,667                                    | 454,035                        | -                 | 346,815          | 1,353,100                     | 3,210,612  | 10,429,058         |
| Total transportation .....            | 5,958,379                        | 592,346                                    | 1,075,377                      | 339,987           | 583,762          | 21,363,093                    | 29,912,944 | 164,375,587        |
| Other flying services .....           | -                                | 24,039                                     | -                              | -                 | 261              | 5,457                         | 29,757     | 226,089            |
| Total flying services .....           | 5,958,379                        | 616,385                                    | 1,075,377                      | 339,987           | 584,023          | 21,368,550                    | 29,942,701 | 164,601,676        |
| Non-flying services .....             | 79,534                           | 11,533                                     | 290                            | 4,191             | 7,221            | 12,559                        | 115,328    | 1,311,180          |
| Total operating revenues .....        | 6,037,913                        | 627,918                                    | 1,075,667                      | 344,178           | 591,244          | 21,381,109                    | 30,058,029 | 165,912,856        |
| Operating expenses:                   |                                  |  |                                |                   |                  |                               |            |                    |
| Flying operations .....               | 1,770,418                        | 210,444                                    | 403,470                        | 90,853            | 201,125          | 4,115,619                     | 6,791,929  | 40,963,018         |
| Maintenance .....                     | 731,848                          | 202,402                                    | 185,288                        | 87,843            | 162,356          | 3,726,426                     | 5,096,163  | 34,205,241         |
| General services and administrations: |                                  |  |                                |                   |                  |                               |            |                    |
| Passenger service .....               | 418,175                          | 19,037                                     | 46,667                         | 10,601            | 16,966           | 1,510,793                     | 2,022,239  | 12,010,123         |
| Aircraft and traffic servicing .....  | 596,728                          | 80,956                                     | 197,536                        | 29,261            | 16,140           | 2,660,961                     | 3,581,582  | 23,458,839         |
| Promotion and sales .....             | 1,023,625                        | 14,828                                     | 33,298                         | 53,776            | 37,716           | 3,079,008                     | 4,242,251  | 25,369,738         |
| General administration .....          | 166,955                          | 23,606                                     | 46,375                         | 26,154            | 17,828           | 763,503                       | 1,044,421  | 7,022,609          |
| Totals .....                          | 2,405,483                        | 138,427                                    | 323,876                        | 119,792           | 88,650           | 8,014,265                     | 10,890,493 | 67,861,309         |
| Depreciation and amortization .....   | 220,253                          | 53,872                                     | 27,791                         | 32,248            | 20,186           | 2,170,066                     | 2,524,416  | 17,378,838         |
| Total operating expenses .....        | 4,928,002                        | 605,145                                    | 940,425                        | 330,736           | 472,317          | 18,026,376                    | 25,303,001 | 160,408,406        |
| Operating income (loss) .....         | 1,109,911                        | 22,773                                     | 135,242                        | 13,442            | 118,927          | 3,354,733                     | 4,755,028  | 5,504,450          |
| Non-operating income - Net:           |                                  |  |                                |                   |                  |                               |            |                    |
| Capital gains and losses .....        | 186,172                          | -  | 2,892                          | -                 | -                | -                             | 189,064    | 474,960            |
| Interest and discounts .....          | 80,461                           | 13   | -                              | -                 | 15               | 124,931                       | 205,420    | 1,076,960          |
| Miscellaneous non-operating income .. | Dr. 1,349                        | 450  | 3,719                          | 843               | 350              | 4,402                         | 6,029      | 49,726             |
| Income before interest expense .....  | 1,375,195                        | 23,236                                     | 141,853                        | 12,599            | 118,592          | 3,484,066                     | 5,155,541  | 7,105,796          |
| Interest expense .....                | -                                | 32,991                                     | 9,271                          | 13,328            | 5,858            | 977,503                       | 1,038,951  | 7,110,651          |
| Income before income taxes .....      | 1,375,195                        | Dr. 9,755                                  | 132,582                        | 729               | 112,734          | 2,506,563                     | 4,116,590  | Dr. 4,855          |
| Provision for income taxes .....      | -                                | -  | -                              | -                 | -                | -                             | -          | -                  |
| Net income after income taxes .....   | 1,375,195                        | Dr. 9,755                                  | 132,582                        | 729               | 112,734          | 2,506,563                     | 4,116,590  | Dr. 4,855          |

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

July 1964

|   | Group I carriers           |                        |             | Group II carriers                 |                             |                    |                   |            | Grand total |
|---|----------------------------|------------------------|-------------|-----------------------------------|-----------------------------|--------------------|-------------------|------------|-------------|
|   | Canadian Pacific Air Lines | Trans-Canada Air Lines | Total       | Eastern Provincial Airways (1963) | Pacific Western Airlines(1) | Quebecair Inc. (1) | Transair Ltd. (1) | Total (1)  |             |
| Revenue transportation services:                      |                            |                        |             |                                   |                             |                    |                   |            |             |
| Unit toll:  |                            |                        |             |                                   |                             |                    |                   |            |             |
| Departures .....                                      | 1,929                      | 12,242                 | 14,171      | 1,169                             | 1,641                       | 1,287              | 1,161             | 5,258      | 19,429      |
| Hours flown .....                                     | 3,341                      | 16,745                 | 20,086      | 1,175                             | 1,671                       | 1,120              | 1,294             | 5,260      | 25,346      |
| Miles scheduled .....                                 | 1,153,670                  | 4,676,622              | 5,830,292   | 132,932                           | 214,089                     | 118,826            | 97,064            | 562,911    | 6,393,203   |
| Miles flown:  |                            |                        |             |                                   |                             |                    |                   |            |             |
| Scheduled - Regular .....                             | 1,101,457                  | 4,629,382              | 5,730,839   | 122,375                           | 212,109                     | 110,501            | 96,334            | 541,319    | 6,272,158   |
| Extra section .....                                   | 20,879                     | 194,585                | 215,464     | 12,734                            | 5,198                       | 1,505              | 7,954             | 27,391     | 242,855     |
| Non-scheduled .....                                   | 44,640                     | -                      | 44,640      | 60,240                            | 39,039                      | 81,960             | 74,342            | 255,581    | 300,221     |
| Totals .....  | 1,166,976                  | 4,823,967              | 5,990,943   | 195,349                           | 256,346                     | 193,966            | 178,630           | 824,291    | 6,815,234   |
| Ratio of regular miles flown to miles scheduled ..... | 95.5                       | 99.0                   | 98.3        | 92.1                              | 99.1                        | 93.0               | 99.2              | 96.2       | 98.1        |
| Passengers carried .....                              | 48,100                     | 371,569                | 419,669     | 10,573                            | 18,415                      | 9,954              | 5,944             | 44,886     | 464,555     |
| Goods carried:  |                            |                        |             |                                   |                             |                    |                   |            |             |
| Freight .....   | 605,386                    | 5,414,719              | 6,020,105   | 813,942                           | 342,827                     | 175,484            | 160,712           | 1,492,965  | 7,513,070   |
| Express .....   | 82,419                     | 984,345                | 1,066,764   | 13,494                            | 45,142                      | -                  | 12,764            | 71,400     | 1,138,164   |
| Excess baggage .....                                  | 43,157                     | -                      | 43,157      | 18,852                            | 26,407                      | 33,231             | 9,908             | 88,398     | 131,555     |
| Mail .....  | 220,755                    | 2,944,721              | 3,165,476   | 124,022                           | 162,178                     | 34,452             | 99,307            | 419,959    | 3,585,435   |
| Totals .....  | 951,717                    | 9,343,785              | 10,295,502  | 970,310                           | 576,554                     | 243,167            | 282,691           | 2,072,722  | 12,368,224  |
| Passenger-miles:                                      |                            |                        |             |                                   |                             |                    |                   |            |             |
| Scheduled .....                                       | 79,058,725                 | 301,374,499            | 380,433,224 | 2,094,238                         | 4,792,794                   | 2,004,138          | 1,584,851         | 10,476,021 | 390,909,245 |
| Non-scheduled .....                                   | 1,566,013                  | -                      | 1,566,013   | 1,460,707                         | 144,593                     | 1,288,512          | 378,157           | 3,271,969  | 4,837,982   |
| Totals .....  | 80,624,738                 | 301,374,499            | 381,999,237 | 3,554,945                         | 4,937,387                   | 3,292,650          | 1,963,008         | 13,747,990 | 395,747,227 |
| Available seat-miles on scheduled services .....      | 134,698,149                | 458,474,809            | 593,172,958 | 3,866,786                         | 9,439,989                   | 3,727,272          | 3,458,987         | 20,493,034 | 613,665,992 |
| Passenger load factor on scheduled services .....     | 58.7                       | 65.7                   | 64.1        | 54.2                              | 50.8                        | 53.8               | 45.8              | 51.1       | 63.7        |
| Goods ton-miles:                                      |                            |                        |             |                                   |                             |                    |                   |            |             |
| Freight - Scheduled .....                             | 822,075                    | 3,026,342              | 3,848,417   | 197,886                           | 164,083                     | 19,384             | 11,580            | 392,933    | 4,241,350   |
| Non-scheduled .....                                   | 2,027                      | -                      | 2,027       | 8,763                             | 3,146                       | 12,428             | 18,619            | 42,956     | 44,983      |
| Totals .....  | 824,102                    | 3,026,342              | 3,850,444   | 206,649                           | 167,229                     | 31,812             | 30,199            | 435,889    | 4,286,333   |
| Express - Scheduled .....                             | 22,795                     | 356,818                | 379,613     | 874                               | 10,448                      | -                  | 2,684             | 14,006     | 393,619     |
| Non-scheduled .....                                   | 883                        | -                      | 883         | 1,364                             | -                           | -                  | 396               | 1,760      | 2,643       |
| Totals .....  | 23,678                     | 356,818                | 380,496     | 2,238                             | 10,448                      | -                  | 3,080             | 15,766     | 396,262     |

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Continued

July 1964

|   | Group I carriers           |                        |             | Group II carriers                 |                             |                    |                   |            | Grand total |
|---|----------------------------|------------------------|-------------|-----------------------------------|-----------------------------|--------------------|-------------------|------------|-------------|
|   | Canadian Pacific Air Lines | Trans-Canada Air Lines | Total       | Eastern Provincial Airways (1963) | Pacific Western Airlines(1) | Quebecair Inc. (1) | Transair Ltd. (1) | Total(1)   |             |
| Revenue transportation services - Concluded:      |                            |                        |             |                                   |                             |                    |                   |            |             |
| Unit toll - Concluded:                            |                            |                        |             |                                   |                             |                    |                   |            |             |
| Goods ton-miles - Concluded:                      |                            |                        |             |                                   |                             |                    |                   |            |             |
| Excess baggage - Scheduled .....                  | 47,752                     | 177,366                | 225,118     | 1,287                             | 4,832                       | 3,349              | 1,522             | 10,990     | 236,108     |
| Non-scheduled ..                                  | 130                        | -                      | 130         | 3,459                             | 63                          | 2,693              | 442               | 6,657      | 6,787       |
| Totals .....                                      | 47,882                     | 177,366                | 225,248     | 4,746                             | 4,895                       | 6,042              | 1,964             | 17,647     | 242,895     |
| Mail - Scheduled .....                            | 197,280                    | 1,171,350              | 1,368,630   | 11,937                            | 41,755                      | 3,145              | 5,214             | 62,051     | 1,430,681   |
| Non-scheduled ..                                  | 4,276                      | -                      | 4,276       | 10,658                            | 431                         | 1,932              | 7,532             | 20,573     | 24,849      |
| Totals .....                                      | 201,556                    | 1,171,350              | 1,372,906   | 22,595                            | 42,206                      | 5,077              | 12,746            | 82,624     | 1,455,530   |
| Total - Scheduled .....                           | 1,089,902                  | 4,731,876              | 5,821,778   | 211,984                           | 221,118                     | 25,878             | 21,000            | 479,980    | 6,301,758   |
| Non-scheduled .....                               | 7,316                      | -                      | 7,316       | 24,244                            | 3,660                       | 17,053             | 26,989            | 71,946     | 79,262      |
| Totals .....                                      | 1,097,218                  | 4,731,876              | 5,829,094   | 236,228                           | 224,778                     | 42,931             | 47,989            | 551,926    | 6,381,020   |
| Available ton-miles on scheduled services .....   | 17,306,392                 | 63,212,362             | 80,518,754  | 765,213                           | 950,344                     | 368,276            | 395,586           | 2,479,419  | 82,998,173  |
| Weight load factor on scheduled services(3) ..... | 52.0                       | 55.2                   | 54.5        | 55.1                              | 73.7                        | 61.4               | 45.4              | 61.6       | 54.7        |
| Bulk:   |                            |                        |             |                                   |                             |                    |                   |            |             |
| Departures .....                                  | 87                         | 204                    | 291         | 1,588                             | 3,021                       | -                  | 694               | 5,303      | 5,594       |
| Hours flown .....                                 | 483                        | 805                    | 1,288       | 1,985                             | 2,796                       | -                  | 1,164             | 5,955      | 7,243       |
| Miles flown .....                                 | 231,363                    | 373,471                | 604,834     | 213,757                           | 354,011                     | -                  | 195,022           | 762,790    | 1,367,624   |
| Passengers carried .....                          | 5,960                      | 11,662                 | 17,622      | 3,785                             | 7,306                       | -                  | 2,298             | 13,389     | 31,011      |
| Freight carried .....                             | -                          | -                      | -           | 241,770                           | 653,049                     | -                  | 1,216,538         | 2,111,357  | 2,111,357   |
| Passenger-miles(4) .....                          | 23,094,727                 | 39,282,504             | 62,377,231  | 605,656                           | 3,742,431                   | -                  | 1,899,108         | 6,247,195  | 68,624,426  |
| Goods ton-miles(4) .....                          | -                          | -                      | -           | 21,289                            | 40,160                      | -                  | 526,743           | 588,192    | 588,192     |
| Revenue non-transportation services:              |                            |                        |             |                                   |                             |                    |                   |            |             |
| Specialty flying - Hours flown .....              | -                          | 22                     | 22          | 124                               | -                           | -                  | 3                 | 127        | 149         |
| Total - All services:                             |                            |                        |             |                                   |                             |                    |                   |            |             |
| Traffic, hours and miles:(5)                      |                            |                        |             |                                   |                             |                    |                   |            |             |
| Revenue:  |                            |                        |             |                                   |                             |                    |                   |            |             |
| Departures .....                                  | 2,016                      | 12,446                 | 14,462      | 2,757                             | 4,462                       | 1,287              | 1,855             | 10,561     | 25,023      |
| Hours flown .....                                 | 3,824                      | 17,572                 | 21,396      | 3,294                             | 4,667                       | 1,120              | 2,461             | 11,342     | 32,738      |
| Miles flown .....                                 | 1,398,339                  | 5,197,438              | 6,595,777   | 409,106                           | 610,357                     | 193,966            | 373,652           | 1,587,081  | 8,182,858   |
| Passengers carried .....                          | 54,060                     | 383,231                | 437,291     | 14,358                            | 25,721                      | 9,954              | 8,242             | 58,275     | 495,566     |
| Cargo carried .....                               | 687,805                    | 6,399,064              | 7,086,869   | 1,069,206                         | 1,041,018                   | 175,484            | 1,390,014         | 3,675,722  | 10,762,591  |
| Goods carried .....                               | 951,717                    | 9,343,785              | 10,295,502  | 1,212,080                         | 1,229,603                   | 243,167            | 1,499,229         | 4,184,079  | 14,479,581  |
| Passenger-miles(4) .....                          | 103,719,465                | 340,657,003            | 444,376,468 | 4,160,601                         | 8,679,818                   | 3,292,650          | 3,862,116         | 19,995,185 | 464,371,653 |
| Goods ton-miles(4) .....                          | 1,097,218                  | 4,731,876              | 5,829,094   | 257,517                           | 264,938                     | 42,931             | 574,732           | 1,140,118  | 6,969,212   |

See footnotes at end of table.



TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

July 1964

|  | Group I carriers           |                        |            | Group II carriers                 |                              |                    |                   |           | Grand total |
|--|----------------------------|------------------------|------------|-----------------------------------|------------------------------|--------------------|-------------------|-----------|-------------|
|  | Canadian Pacific Air Lines | Trans-Canada Air Lines | Total      | Eastern Provincial Airways (1963) | Pacific Western Airlines (1) | Quebecair Inc. (1) | Transair Ltd. (1) | Total (1) |             |
| Total - All services - Concluded:        |                            |                        |            |                                   |                              |                    |                   |           |             |
| Traffic, hours and miles - Concluded:(5) |                            |                        |            |                                   |                              |                    |                   |           |             |
| Non-revenue:                             |                            |                        |            |                                   |                              |                    |                   |           |             |
| Hours flown ..... No.                    | 40                         | 181                    | 221        | 133                               | 179                          | 34                 | 60                | 406       | 627         |
| Passengers carried ..... "               | 1,946                      | -                      | 1,946      | 388                               | 418                          | 133                | 178               | 1,117     | 3,063       |
| Goods carried ..... lb.                  | 137,923                    | -                      | 137,923    | 42,806                            | 28,692                       | -                  | 22,176            | 93,674    | 231,597     |
| Passenger-miles ..... No.                | 3,407,130                  | -                      | 3,407,130  | 90,873                            | 157,847                      | 39,986             | 108,979           | 397,685   | 3,804,815   |
| Goods ton-miles ..... "                  | 180,488                    | 457,604                | 638,092    | 1,807                             | 10,256                       | -                  | 8,241             | 20,304    | 658,396     |
| Fuel and oil consumed:                   |                            |                        |            |                                   |                              |                    |                   |           |             |
| Turbo fuel - Quantity ..... gal.         | 3,958,794                  | 14,876,509             | 18,835,303 | 149,720                           | -                            | 162,281            | 62,826            | 374,827   | 19,210,130  |
| Cost ..... \$                            | 651,338                    | 1,964,921              | 2,616,259  | 35,932                            | -                            | 34,079             | 14,810            | 84,821    | 2,701,080   |
| Gasoline - Quantity ..... gal.           | 439,101                    | -                      | 439,101    | 194,170                           | 431,286                      | 27,627             | 241,762           | 894,845   | 1,333,946   |
| Cost ..... \$                            | 125,484                    | -                      | 125,484    | 66,978                            | 164,311                      | 9,116              | 100,866           | 341,271   | 466,755     |
| Turbo oil - Quantity ..... gal.          | 341                        | 3,192                  | 3,533      | 75                                | -                            | 1,216              | 66                | 2,407     | 3,952       |
| Cost ..... \$                            | 2,923                      | 33,790                 | 36,713     | 1,125                             | -                            | 565                | 2,681             | 11,535    | 39,120      |
| Other oil - Quantity ..... gal.          | 4,162                      | -                      | 4,162      | 2,982                             | 5,307                        | 347                | 2,924             | 13,737    | 15,697      |
| Cost ..... \$                            | 4,627                      | -                      | 4,627      | 3,727                             | 6,634                        | 452                | 2,924             | 13,737    | 18,364      |
| Average number of employees:             |                            |                        |            |                                   |                              |                    |                   |           |             |
| Pilots and co-pilots ..... No.           | 192                        | 611                    | 803        | 65                                | 91                           | 30                 | 49                | 235       | 1,038       |
| Other flight personnel ..... "           | 248                        | 816                    | 1,064      | 9                                 | 58                           | 16                 | 24                | 107       | 1,171       |
| General management ..... "               | 121                        | 65                     | 186        | 8                                 | 55                           | 48                 | 19                | 130       | 316         |
| Maintenance labour ..... "               | 527                        | 2,580                  | 3,107      | 204                               | 196                          | 70                 | 131               | 601       | 3,708       |
| Aircraft and traffic servicing ..... "   | 854                        | 3,985                  | 4,839      | 95                                | 104                          | 116                | 59                | 374       | 5,213       |
| Other personnel ..... "                  | 681                        | 3,856                  | 4,537      | 45                                | 21                           | 8                  | 45                | 119       | 4,636       |
| Total employees ..... "                  | 2,623                      | 11,913                 | 14,536     | 426                               | 525                          | 288                | 327               | 1,566     | 16,102      |
| Salaries and wages:                      |                            |                        |            |                                   |                              |                    |                   |           |             |
| Pilots and co-pilots ..... \$            | 257,260                    | 810,408                | 1,067,668  | 57,922                            | 80,920                       | 25,396             | 40,517            | 204,755   | 1,272,423   |
| Other flight personnel ..... \$          | 128,823                    | 379,989                | 508,812    | 3,016                             | 27,614                       | 7,897              | 7,897             | 42,538    | 551,350     |
| General management ..... \$              | 99,931                     | 110,756                | 210,687    | 8,116                             | 22,287                       | 20,735             | 12,573            | 63,711    | 274,398     |
| Maintenance labour ..... \$              | 254,262                    | 1,382,491              | 1,636,753  | 91,588                            | 90,116                       | 33,977             | 54,693            | 270,374   | 1,907,127   |
| Aircraft and traffic servicing ..... \$  | 371,449                    | 1,950,796              | 2,322,245  | 36,200                            | 62,430                       | 41,793             | 24,373            | 164,796   | 2,487,041   |
| Other personnel ..... \$                 | 268,474                    | 2,029,324              | 2,297,798  | 16,335                            | 4,651                        | 4,902              | 10,417            | 36,305    | 2,334,103   |
| Total salaries and wages ..... \$        | 1,380,199                  | 6,663,764              | 8,043,963  | 213,177                           | 288,018                      | 130,814            | 150,470           | 782,479   | 8,826,442   |

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Excludes Trans-Canada Air Lines.

(3) Standard passenger weight used: 200 pounds.

(4) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(5) These data exclude non-transportation services, except for hours flown.



TABLE 5. Revenue Interline Traffic(1), Canadian Scheduled Carriers - All Services, by Company

July 1964

- 15 -

|                                | Canadian<br>Pacific<br>Air Lines | Eastern<br>Provincial<br>Airways<br>(1963) | Pacific<br>Western<br>Airlines | Quebecair<br>Inc. | Transair<br>Ltd. | Trans-<br>Canada<br>Air Lines | Total      |
|--------------------------------|----------------------------------|--|--------------------------------|-------------------|------------------|-------------------------------|------------|
| <b>Passengers carried:</b>     |                                  |  |                                |                   |                  |                               |            |
| Originated .....               | 40,575                           | 7,062                                      | 17,018                         | 9,954             | 4,908            | 292,570                       | 372,087    |
| Domestic interline .....       | 3,183                            | 3,511                                      | -                              | -                 | -                | 78,999                        | 89,847     |
| Foreign interline .....        | 4,154                            | -  | -                              | -                 | -                | -                             | -          |
| Totals(2) .....                | 47,912                           | 10,573                                     | 17,018                         | 9,954             | 4,908            | 371,569                       | 461,934    |
| <b>Express carried:</b>        |                                  |  |                                |                   |                  |                               |            |
| Originated .....               | 82,419                           | 13,494                                     | 45,142                         | -                 | 12,764           | 984,345                       | 1,138,164  |
| Domestic interline .....       | -                                | -  | -                              | -                 | -                | -                             | -          |
| Foreign interline .....        | -                                | -  | -                              | -                 | -                | -                             | -          |
| Totals(2) .....                | 82,419                           | 13,494                                     | 45,142                         | -                 | 12,764           | 984,345                       | 1,138,164  |
| <b>Freight carried:</b>        |                                  |  |                                |                   |                  |                               |            |
| Originated .....               | 498,338                          | 813,942                                    | 292,943                        | 175,484           | 70,189           | 5,414,719                     | 7,265,615  |
| Domestic interline .....       | 13,060                           | -  | -                              | -                 | -                | -                             | 13,060     |
| Foreign interline .....        | 36,229                           | -  | -                              | -                 | -                | -                             | 36,229     |
| Totals(2) .....                | 547,627                          | 813,942                                    | 292,943                        | 175,484           | 70,189           | 5,414,719                     | 7,314,904  |
| <b>Excess baggage carried:</b> |                                  |  |                                |                   |                  |                               |            |
| Originated .....               | 43,157                           | 18,852                                     | 25,463                         | 33,231            | 12,764           | -                             | 133,467(3) |
| Domestic interline .....       | -                                | -  | -                              | -                 | -                | -                             | -          |
| Foreign interline .....        | -                                | -  | -                              | -                 | -                | -                             | -          |
| Totals(2) .....                | 43,157                           | 18,852                                     | 25,463                         | 33,231            | 12,764           | -                             | 133,467(3) |
| <b>Mail carried:</b>           |                                  |  |                                |                   |                  |                               |            |
| Originated .....               | 220,755                          | 124,022                                    | 153,980                        | 34,452            | 25,680           | 2,944,721                     | 3,503,610  |
| Domestic interline .....       | -                                | -  | -                              | -                 | -                | -                             | -          |
| Foreign interline .....        | -                                | -  | -                              | -                 | -                | -                             | -          |
| Totals(2) .....                | 220,755                          | 124,022                                    | 153,980                        | 34,452            | 25,680           | 2,944,721                     | 3,503,610  |

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Board.

(2) Excludes division interline.

(3) Excludes Trans-Canada Air Lines.

TABLE 6. Operating Statistics, Canadian International Carriers - All Revenue Services, by area of Service

July 1964

|  | Trans-<br>Border<br>Services | Trans-<br>Atlantic<br>and Polar<br>Services | Southern<br>Services | Pacific<br>and<br>Orient<br>Services | Total<br>International<br>Services | Domestic<br>Services | Grand<br>total |
|--|------------------------------|---|----------------------|--------------------------------------|------------------------------------|----------------------|----------------|
| Unit toll:   |                              |   |                      |                                      |                                    |                      |                |
| Departures .....   | 2,159                        | 538   | 353                  | 90                                   | 3,140                              | 11,031               | 14,171         |
| Hours flown .....  | 3,055                        | 2,210                                       | 983                  | 570                                  | 6,818                              | 13,268               | 20,086         |
| Miles scheduled .....                                    | 630,604                      | 1,009,783                                   | 382,267              | 264,642                              | 2,307,296                          | 3,522,996            | 5,830,292      |
| Miles flown:   |                              |   |                      |                                      |                                    |                      |                |
| Scheduled - Regular .....                                | 634,854                      | 1,005,695                                   | 379,889              | 260,748                              | 2,281,186                          | 3,449,653            | 5,730,839      |
| Extra sections .....                                     | 57,722                       | 60,461                                      | 1,367                | 5,534                                | 125,084                            | 90,380               | 215,464        |
| Non-scheduled .....                                      | 692,576                      | 1,066,156                                   | 381,256              | 266,282                              | 2,406,270                          | 3,584,673            | 5,990,943      |
| Totals .....   |                              |   |                      |                                      |                                    |                      |                |
| Ratio of regular miles flown to miles<br>scheduled ..... | 97.6                         | 99.6  | 99.4                 | 98.5                                 | 98.9                               | 97.9                 | 98.3           |
| Passengers carried .....                                 | ...                          | ...   | ...                  | ...                                  | 155,781                            | 263,888              | 419,669        |
| Cargo carried .....                                      | ...                          | ...   | ...                  | ...                                  | 2,966,217                          | 4,120,652            | 7,086,869      |
| Mail carried .....                                       | ...                          | ...   | ...                  | ...                                  | 416,264                            | 2,749,212            | 3,165,476      |
| Passenger-miles .....                                    | 40,268,445                   | 91,386,188                                  | 23,616,759           | 16,358,491                           | 171,629,883                        | 210,369,354          | 381,999,237    |
| Available seat-miles on scheduled services               | 59,815,191                   | 141,822,692                                 | 47,064,277           | 34,076,959                           | 282,779,119                        | 313,192,283          | 594,971,402    |
| Passenger load factor on scheduled services              | 67.3                         | 64.4  | 50.2                 | 48.0                                 | 60.7                               | 67.2                 | 64.2           |
| Goods ton-miles:   |                              |   |                      |                                      |                                    |                      |                |
| Express .....  | 59,689                       | -   | -                    | -                                    | 59,689                             | 320,807              | 380,496        |
| Freight .....  | 292,671                      | 913,640                                     | 270,209              | 327,631                              | 1,804,151                          | 2,046,293            | 3,850,444      |
| Excess baggage .....                                     | 23,727                       | 42,478                                      | 26,751               | 11,118                               | 104,074                            | 121,174              | 225,248        |
| Mail .....   | 43,747                       | 177,759                                     | 54,772               | 95,688                               | 371,966                            | 1,000,940            | 1,372,906      |
| Totals .....   | 419,834                      | 1,133,877                                   | 351,732              | 434,437                              | 2,339,880                          | 3,489,214            | 5,829,094      |
| Available ton-miles on scheduled service ...             | 7,270,737                    | 19,327,583                                  | 5,771,553            | 4,423,684                            | 36,793,537                         | 44,064,385           | 80,857,942     |
| Weight load factor on scheduled services(1)              | 61.2                         | 53.1  | 47.0                 | 46.8                                 | 53.0                               | 55.7                 | 54.5           |
| Bulk:  |                              |   |                      |                                      |                                    |                      |                |
| Departures .....   | 114                          | 580   | -                    | 4                                    | 698                                | ...                  | ...            |
| Hours flown .....  | 183                          | 1,956                                       | -                    | 29                                   | 2,168                              | ...                  | ...            |
| Miles flown .....  | 37,384                       | 718,620                                     | -                    | 9,476                                | 765,460                            | ...                  | ...            |
| Passengers carried .....                                 | 1,114                        | 20,357                                      | -                    | 94                                   | 21,765                             | ...                  | ...            |
| Goods carried .....                                      | 550                          | 92,045                                      | -                    | -                                    | 92,595                             | ...                  | ...            |
| Passenger-miles(2) .....                                 | -                            | -   | -                    | -                                    | 68,605,334                         | ...                  | ...            |
| Goods ton-miles(2) .....                                 | -                            | 6,834                                       | -                    | -                                    | 6,834                              | ...                  | ...            |
| Total:   |                              |   |                      |                                      |                                    |                      |                |
| Departures .....   | 2,273                        | 1,118                                       | 353                  | 94                                   | 3,838                              | ...                  | ...            |
| Hours flown .....  | 3,238                        | 4,166                                       | 983                  | 599                                  | 8,986                              | ...                  | ...            |
| Miles flown .....  | 729,960                      | 1,784,776                                   | 381,256              | 275,758                              | 3,171,750                          | ...                  | ...            |
| Passengers carried .....                                 | ...                          | ...   | ...                  | ...                                  | 3,177,546                          | ...                  | ...            |
| Goods carried .....                                      | ...                          | ...   | ...                  | ...                                  | 3,058,812                          | ...                  | ...            |
| Passenger-miles(2) .....                                 | ...                          | ...   | ...                  | ...                                  | 240,235,217                        | ...                  | ...            |
| Goods ton-miles(2) .....                                 | 419,834                      | 1,140,711                                   | 351,732              | 434,437                              | 2,346,714                          | ...                  | ...            |

(1) Standard passenger weight used: 200 pounds.

(2) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

TABLE 7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)

July 1964

|  | United States              |                 |           | Europe                    |                 |           |
|--|----------------------------|-----------------|-----------|---------------------------|-----------------|-----------|
|  | To                         | From            | Total     | To                        | From            | Total     |
| Passengers carried:                          |                            |                 |           |                           |                 |           |
| Unit toll ..... No.                          | 88,881                     | 89,214          | 178,095   | 25,039                    | 26,610          | 51,649    |
| Bulk ..... "                                 | 707                        | 712             | 1,419     | 12,057                    | 11,222          | 23,279    |
| Totals ..... "                               | 89,588                     | 89,926          | 179,514   | 37,096                    | 37,832          | 74,928    |
| Freight, express and excess baggage carried: |                            |                 |           |                           |                 |           |
| Unit toll ..... lb.                          | 540,401                    | 2,164,133       | 2,704,534 | 574,040                   | 1,169,764       | 1,743,804 |
| Bulk ..... "                                 | -                          | -               | -         | 46,574                    | -               | 46,574    |
| Totals ..... "                               | 540,401                    | 2,164,133       | 2,704,534 | 620,614                   | 1,169,764       | 1,790,378 |
| Mail carried (unit toll) ..... "             | 137,618                    | 239,979         | 377,597   | 110,347                   | 133,378         | 243,725   |
|  | All other areas            |                 |           | Totals                    |                 |           |
|  | To                         | From            | Total     | To                        | From            | Total     |
| Passengers carried:                          |                            |                 |           |                           |                 |           |
| Unit toll ..... No.                          | 5,157                      | 5,035           | 10,192    | 119,077                   | 120,859         | 239,936   |
| Bulk ..... "                                 | -                          | 94              | 94        | 12,764                    | 12,028          | 24,792    |
| Totals ..... "                               | 5,157                      | 5,129           | 10,286    | 131,841                   | 132,887         | 264,728   |
| Freight, express and excess baggage carried: |                            |                 |           |                           |                 |           |
| Unit toll ..... lb.                          | 156,938                    | 99,230          | 256,168   | 1,271,379                 | 3,433,127       | 4,704,506 |
| Bulk ..... "                                 | -                          | -               | -         | 46,574                    | -               | 46,574    |
| Totals ..... "                               | 156,938                    | 99,230          | 256,168   | 1,317,953                 | 3,433,127       | 4,751,080 |
| Mail carried (unit toll) ..... "             | 19,541                     | 20,874          | 40,415    | 267,506                   | 394,231         | 661,737   |
|  | Total by Canadian carriers |                 |           | Total by Foreign carriers |                 |           |
|  | Leaving Canada             | Entering Canada | Total     | Leaving Canada            | Entering Canada | Total     |
| Passengers carried:                          |                            |                 |           |                           |                 |           |
| Unit toll ..... No.                          | 74,155                     | 77,156          | 151,311   | 44,922                    | 43,703          | 88,625    |
| Bulk ..... "                                 | 9,200                      | 8,073           | 17,273    | 3,564                     | 3,955           | 7,519     |
| Totals ..... "                               | 83,355                     | 85,229          | 168,584   | 48,486                    | 47,658          | 96,144    |
| Freight, express and excess baggage carried: |                            |                 |           |                           |                 |           |
| Unit toll ..... lb.                          | 779,479                    | 2,042,369       | 2,821,848 | 491,900                   | 1,390,758       | 1,882,658 |
| Bulk ..... "                                 | -                          | -               | -         | 46,574                    | -               | 46,574    |
| Totals ..... "                               | 779,479                    | 2,042,369       | 2,821,848 | 538,474                   | 1,390,758       | 1,929,232 |
| Mail carried (unit toll) ..... "             | 177,917                    | 213,546         | 391,463   | 89,589                    | 180,685         | 270,274   |

(1) Passengers and goods in transit through Canada are excluded.

TABLE 8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service

July 1964

|                                      | Fixed wing aircraft |                |               |                | Helicopters   |                |               |                |
|--------------------------------------|---------------------|----------------|---------------|----------------|---------------|----------------|---------------|----------------|
|                                      | Month               |                | Year to date  |                | Month         |                | Year to date  |                |
|                                      | Revenue hours       | Revenue earned | Revenue hours | Revenue earned | Revenue hours | Revenue earned | Revenue hours | Revenue earned |
| Type of service:                     | No.                 | \$             | No.           | \$             | No.           | \$             | No.           | \$             |
| Aerial advertising .....             | 5                   | 516            | 7             | 686            | -             | -              | 124           | 12,147         |
| Aerial fish cultivation .....        | -                   | -              | -             | -              | -             | -              | -             | -              |
| Aerial patrol and inspection .....   | 1,913               | 197,643        | 6,937         | 746,861        | 880           | 81,541         | 3,020         | 310,217        |
| Aerial pest control .....            | 1,233               | 216,388        | 4,527         | 516,250        | -             | -              | -             | -              |
| Aerial photography and survey .....  | 291                 | 61,148         | 1,959         | 234,445        | 153           | 15,790         | 359           | 30,165         |
| Aerial photography (excl. survey) .. | 311                 | 65,708         | 842           | 179,294        | 24            | 265            | 109           | 7,575          |
| Aircraft rental .....                | 116                 | 1,608          | 562           | 17,053         | -             | -              | 3             | 250            |
| Flying training .....                | 3,939               | 62,922         | 19,586        | 332,399        | -             | -              | 209           | 15,750         |
| Geophysical survey .....             | 788                 | 81,804         | 4,783         | 496,900        | 318           | 76,766         | 811           | 170,349        |
| Non-transportation charter .....     | 146                 | 22,415         | 737           | 54,261         | -             | -              | 2             | 509            |
| Philanthropic .....                  | -                   | -              | -             | -              | -             | -              | -             | -              |
| Recreational flying .....            | 1,393               | 28,739         | 6,967         | 150,823        | 2             | 216            | 49            | 5,576          |
| Specialty flying - Other .....       | 225                 | 39,529         | 308           | 50,131         | 164           | 9,206          | 181           | 12,232         |
| Totals .....                         | 10,360              | 778,420        | 47,215        | 2,779,103      | 1,541         | 183,784        | 4,867         | 564,770        |

TABLE 9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV

July 1964

|                                       | Carriers operating helicopters only |              | Carriers operating both helicopters and fixed wing aircraft |              | Total   |              |
|---------------------------------------|-------------------------------------|--------------|---|--------------|---------|--------------|
|                                       | Month                               | Year to date | Month   | Year to date | Month   | Year to date |
| Carriers reporting .....              | No. 14                              | ...          | 7   | ...          | 21      | ...          |
| Helicopters - Owned .....             | " 126                               | 116          | 11  | 11           | 137     | 127          |
| Leased .....                          | " 16                                | 10           | 1   | 1            | 17      | 11           |
| Totals .....                          | " 142                               | 126          | 12  | 12           | 154     | 138          |
| Revenue hours flown - Unit toll ..... | " 7                                 | 31           | -   | -            | 7       | 31           |
| Bulk .....                            | " 10,175                            | 25,769       | 555   | 1,841        | 10,730  | 27,610       |
| Specialty .....                       | " 1,285                             | 3,890        | 256   | 1,002        | 1,541   | 4,892        |
| Totals .....                          | " 11,467                            | 29,690       | 811   | 2,843        | 12,278  | 32,533       |
| Non-revenue hours flown .....         | " 247                               | 1,398        | 11  | 144          | 258     | 1,542        |
| Fuel and oil consumed:                |                                     |              |   |              |         |              |
| Gasoline .....                        | gal. 142,295                        | 471,598      | 11,755  | 55,095       | 154,050 | 526,693      |
| Cost .....                            | \$ 72,954                           | 219,972      | 5,794   | 25,206       | 78,748  | 245,178      |
| Oil .....                             | gal. 1,723                          | 8,509        | 323   | 1,274        | 2,046   | 9,783        |
| Cost .....                            | \$ 3,050                            | 15,219       | 499   | 1,766        | 3,549   | 16,986       |
| Average number of employees:          |                                     |              |   |              |         |              |
| Pilots .....                          | No. 156                             | 116          | 9   | 9            | 165     | 125          |
| Administrative .....                  | " 53                                | 47           | 1   | 1            | 54      | 48           |
| Maintenance labour .....              | " 146                               | 116          | 5   | 7            | 151     | 123          |
| Other personnel .....                 | " 8                                 | 8            | -   | -            | 8       | 8            |
| Totals .....                          | " 363                               | 287          | 15  | 17           | 378     | 304          |
| Salaries and wages:                   |                                     |              |   |              |         |              |
| Pilots .....                          | \$ 144,329                          | 598,307      | 7,375   | 54,796       | 151,704 | 653,103      |
| Administrative .....                  | \$ 33,320                           | 198,166      | 900   | 6,570        | 34,220  | 204,736      |
| Maintenance labour .....              | \$ 76,623                           | 401,142      | 2,545   | 27,843       | 79,168  | 428,985      |
| Other personnel .....                 | \$ 1,878                            | 16,359       | -   | -            | 1,878   | 16,359       |
| Totals .....                          | \$ 256,150                          | 1,213,974    | 10,820  | 89,209       | 266,970 | 1,303,183    |

TABLE 10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV  
July 1964

|  | Current month | Year to date |
|--|---------------|--------------|
|  | dollars       |              |
| Operating revenues:                      |               |              |
| Unit toll transportation:                |               |              |
| Passengers .....                         | -             | 102          |
| Express .....                            | -             | -            |
| Freight .....                            | -             | -            |
| Excess baggage .....                     | -             | -            |
| Mail .....                               | -             | -            |
| Total unit toll transportation .....     | -             | 102          |
| Bulk transportation .....                | 1,078,754     | 2,978,260    |
| Total transportation .....               | 1,078,754     | 2,978,362    |
| Other flying services .....              | 168,437       | 470,246      |
| Total flying services .....              | 1,247,191     | 3,448,608    |
| Non-flying services .....                | Dr. 1,389     | 83,482       |
| Total operating revenues .....           | 1,245,802     | 3,532,090    |
| Operating expenses:                      |               |              |
| Flying operations .....                  | 343,665       | 1,537,366    |
| Maintenance .....                        | 103,888       | 718,398      |
| General service and administration ..... | 72,718        | 464,173      |
| Depreciation and amortization .....      | 63,095        | 318,346      |
| Total operating expenses .....           | 583,366       | 3,038,283    |
| Operating income (deficit) .....         | 662,436       | 493,807      |
| Non-operating income:                    |               |              |
| Capital gains and losses .....           | 20,713        | 33,275       |
| Interest and discounts .....             | 96            | 7,433        |
| Miscellaneous non-operating income ..... | 688           | 2,103        |
| Income before interest expense .....     | 683,933       | 536,618      |
| Interest expense .....                   | 20,345        | 85,493       |
| Income before income taxes .....         | 663,588       | 451,125      |
| Provision for income taxes .....         | 5,281         | 5,636        |
| Net income after income taxes .....      | 658,307       | 445,489      |



CIVIL AVIATION DEFINITIONS(1)

Bulk Transportation:

- (1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4); and
- (2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).

Classification of Canadian Carriers by Groups

- Group I Carriers: Canadian Air Carriers licensed to perform both domestic and international scheduled services. (Trans-Canada Air Lines and Canadian Pacific Air Lines Ltd.).
- Group II Carriers: Canadian Air Carriers other than Group I carriers licensed to perform domestic scheduled services and Nordair Ltd.(2).
- Group III Carriers: Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$500,000 or over (excepting air carriers included in Group I and II).
- Group IV Carriers: Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$100,000 and over, but less than \$500,000.
- Group V Carriers: Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of less than \$100,000.

Cargo:

Air freight and air express (excluding mail and excess baggage).

Carrier, Air:

Any person who operates aircraft in or over Canada for hire or reward.

Non-Scheduled Carriers: Carriers not operating any scheduled (Class I) service.

Scheduled Carriers: Air Carriers serving designated points in accordance with a service schedule and at a toll per unit.

- (1) Reference to Classes refers to the classification of air carriers as defined by the Air Transport Board and published in the "Directory of Canadian Commercial Air Services" Queen's Printer, Ottawa.
- (2) For statistical purposes in this report, Nordair Ltd. is included with Group III carriers.

Freedoms of the Air:

- First Freedom: The privilege to fly over the territory of a foreign country without landing.
- Second Freedom: The privilege to land on the territory of a foreign country for non-traffic purposes.
- Third Freedom: The privilege to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
- Fourth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
- Fifth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the privilege to put down in a foreign country, passengers, mail and cargo coming from any such territory.

Goods: Air Cargo (freight and express) plus mail and excess baggage.

Interline Traffic:

- Domestic Interline: Passengers and goods received by a carrier at Canadian points from other Canadian Air Carriers.
- Foreign Interline: Passengers and goods received by a carrier from Foreign Air Carriers.
- Divisional Interline: Passengers and goods received from other operating divisions of the same carrier.

International Services:

- Trans-Border Services: Services between Canada and the United States.
- Southern Services: Services between Canada and Bermuda, the Caribbean, Mexico, Central or South America.
- Trans-Atlantic and Polar Services: Services between Canada and Europe.
- Pacific and Orient Services: Services between Canada and points in the Pacific Ocean or the Orient.

Load Capacity Available: Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, stewards' supplies, etc.

|                                   |  |
|-----------------------------------|--|
| <u>Load Factor, Passenger:</u>    | Ratio of revenue passenger-miles performed to available seat-miles.  |
| <u>Load Factor, Weight:</u>       | - See Weight, Load-Factor.   |
| <u>Miles:</u>                     | Statute miles of 5,280 ft.   |
| <u>Passenger:</u>                 | A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger. A round trip passenger is counted as two passengers.   |
| Passenger Load-Factor:            | - See Load Factor, Passenger.  |
| Passenger-Mile:                   | The transportation of one passenger one mile.  |
| Non-Revenue Passenger:            | A child or adult carried on a revenue transportation flight for whom no fare is collected, including company personnel.  |
| Revenue Passenger:                | A child or adult for which a fare or part of a fare is paid.   |
| <u>Seat-Miles Available:</u>      | Seats available for the transportation of passengers multiplied by the miles flown on each inter-station flight.   |
| <u>Specialty Flying Services:</u> | Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising.   |
| <u>Tons:</u>                      | Short tons of 2,000 lbs.   |
| <u>Ton-Mile:</u>                  | The transportation of one ton of goods one mile.   |
| <u>Ton-Miles Available:</u>       | Available load capacity multiplied by miles flown on each inter-station flight.  |
| <u>Unit Toll Transportation:</u>  | Public transportation of passengers and goods at a toll per unit. It includes: <ul style="list-style-type: none"><li>(i) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class I); and</li><li>(ii) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3).</li></ul> |
| <u>Weight Load Factor:</u>        | Ratio of revenue ton-miles performed to available ton-miles.   |







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## SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures are not available.
- ... Figures not appropriate or not applicable.
- Nil or zero.

## INTRODUCTION

"Civil Aviation" reports are prepared from monthly and quarterly schedules filed with the Air Transport Board and the Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly returns filed with the Dominion Bureau of Statistics by foreign air carriers operating in Canada.

For reporting purposes, Canadian air carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. These groups are described on page twenty of this publication along with other definitions. It should be noted that the definition of each of the five groups has been revised as of 1st January, 1964. This revision resulted in four former group III carriers being transferred to Group IV and 24 former Group IV carriers being transferred to Group V. It should also be noted that Nordair Ltd., classified as a Group II carrier by the Air Transport Board, is included with Group III carriers for statistical purposes. Group V comprises small air carriers required to file returns on a quarterly basis only. Data on their operations are excluded from the other carrier statistics appearing throughout the report.

Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. A complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

Domestic and international operations of Canadian carriers are combined in all tables except Table 6 which provides a breakdown of domestic and international operations for Canadian carriers operating international unit toll and bulk services.

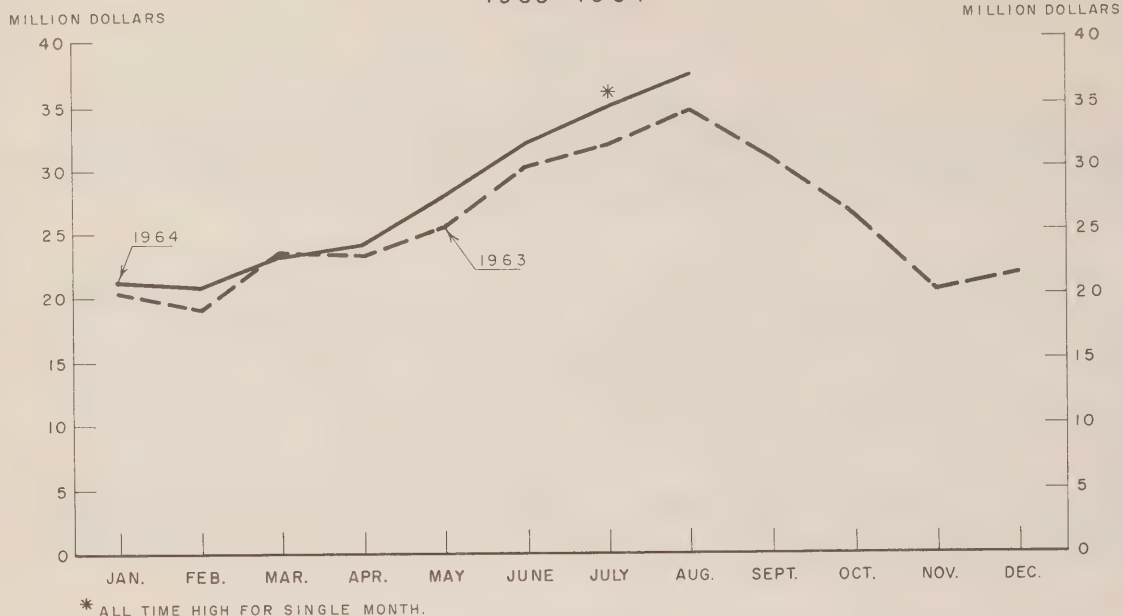
Commencing with the January, 1964 issue, bulk transport passenger-miles and goods-ton-miles have been added to the statistical data of this report. However, because of survey limitations, this data refers only to aircraft which has a minimum authorized take-off weight on wheels in excess of 18,000 pounds. Operating data covering bulk international flights have also been added to Table 6. It should be noted, however, that the number of carriers reporting international bulk services may vary from month to month.

Table 7 provides data on traffic leaving and entering Canada on an area of service basis. Passengers, cargo and mail in transit through Canada are excluded. The table contains the operations of both Canadian and Foreign carriers with separate totals for each.

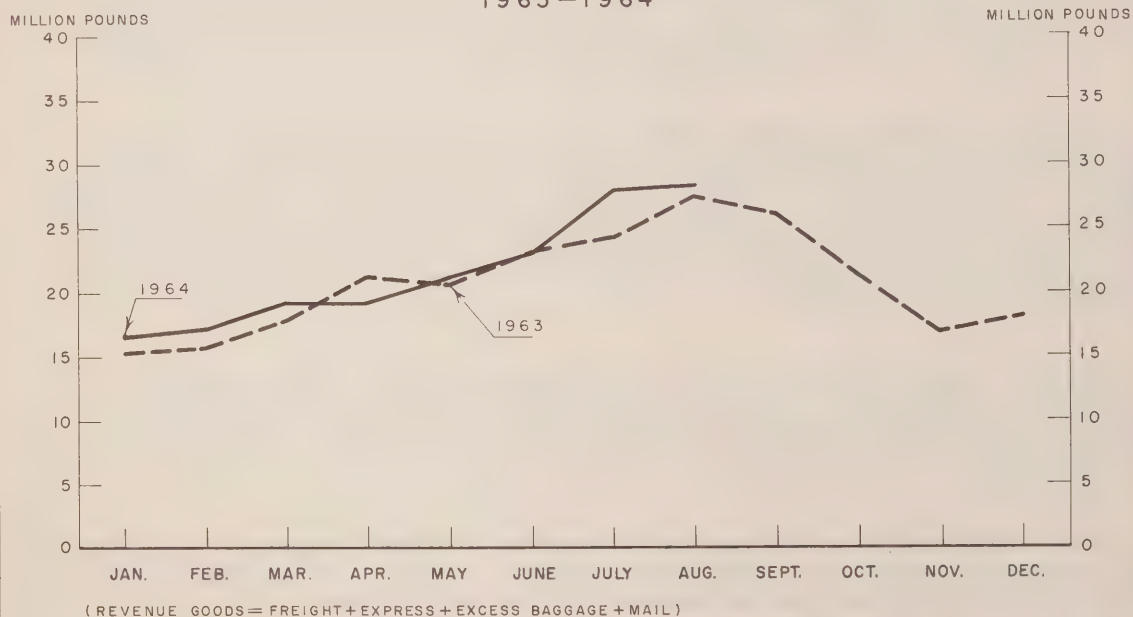
Also commencing with the January, 1964 issue of "Civil Aviation", data on helicopters have been expanded to include more detail. A split has been made between the use of fixed wing aircraft and helicopters for specialty flying.



# OPERATING REVENUE OF CANADIAN AIR CARRIERS 1963-1964



# REVENUE GOODS CARRIED BY CANADIAN AIR CARRIERS 1963-1964



## REVIEW OF AUGUST OPERATIONS

Increases were reported in the transportation of both revenue passengers and goods by Canadian Air Carriers during the month of August compared with August 1963. Passengers carried totalled 596,100, an increase of 5.8 per cent, while goods transported showed an increase of 2.8 per cent to 14,155 tons. The revenue miles flown were up slightly to 11,157,660. Passenger-miles and goods-ton-miles performed by Canadian carriers in unit toll and bulk services totalled 519,021,384 and 8,873,311 respectively. Unit toll services accounted for 83.3 per cent of the total passenger-miles and 83.8 per cent of the total goods-ton-miles.

August operating revenues showed a 7.5 per cent increase over August 1963 to \$37,090,900 while operating expenses increased 4.0 per cent to \$28,222,238; thus an operating income of \$8,868,662 was reported. This compared with an income of \$7,358,073 for the same month of the previous year. A net income after provision for income taxes of \$7,885,834 was reported as against a net income of \$6,365,-830 in August 1963.

Revenue hours reported flown by 13 carriers who operated 129 helicopters exclusively amounted to 13,508. Hours reported flown by 16 helicopters operated by 8 fixed wing carriers totalled 839. Operating revenues reported by helicopter carriers amounted to \$1,537,049 while operating expenses amounted to \$845,901.

In August the six scheduled carriers transported 497,534 revenue passengers, 83.5 per cent of passengers carried by all Canadian carriers. They also carried 6,054 tons of revenue goods, 42.8 per cent of the total. Operating revenues amounted to \$32,231,165 or 86.9 per cent of the total. Operating expenses amounted to \$25,179,740 or 89.2 per cent of the total. Comparable figures for August 1963 are: passengers 83.3 per cent, goods 47.3 per cent, revenues 85.3 per cent and expenses 87.3.

Revenue passenger-miles performed by Canadian carriers in international unit toll service in August amounted to 191,106,357 or 46.0 per cent of the total unit toll passenger-miles. The division of international services by air was as follows:

| <u>Area</u>                    | <u>Percentage</u> |
|--------------------------------|-------------------|
| Trans-Border .....             | 22.7              |
| Trans-Atlantic and Polar ..... | 54.0              |
| Southern .....                 | 14.0              |
| Pacific and Orient .....       | 9.3               |
| Total .....                    | 100.0             |

### The Cumulative View:

The first eight months of 1964 compared with the same period of 1963 showed the revenue passengers were up 4.9 per cent to 3,819,827, while revenue goods rose 4.0 per cent to 86,343 tons. Passenger-miles and goods-ton-miles performed by Canadian carriers totalled 2,947,940,524 and 67,666,-333 respectively. Operating revenues increased 5.9 per cent to \$221,096,598 while operating expenses rose 5.5 per cent to \$204,610,260.

### Foreign Carriers:

Foreign carriers licensed to operate in Canada transported 105,944 revenue passengers during August, an increase of 9.7 per cent over August 1963. Revenue goods carried totalled 1,032 tons, an increase of 9.4 per cent.

Foreign carriers report hours and miles flown over Canadian territory only. Statistics of passengers and goods in transit have been excluded.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

August 1964

|                                      | Canadian carriers                       |                        |           |            |                        | Total Canadian carriers | Foreign carriers(2)       |             | Grand total all carriers | Year to date |
|--------------------------------------|---|------------------------|-----------|------------|------------------------|-------------------------|---------------------------|-------------|--------------------------|--------------|
|                                      | Scheduled carriers<br>Group I and II(1) | Non-scheduled carriers |           |            | United States carriers |                         | Other Foreign carriers(3) |             |                          |              |
|                                      |   | Group III(1)           | Group IV  | Total      |                        |                         |                           |             |                          |              |
| Number of carriers reporting ...     | 6                                       | 15                     | 45        | 60         | 66                     | 10                      | 9                         | 85          | ..                       |              |
| Revenue transportation services:     |   |                        |           |            |                        |                         |                           |             |                          |              |
| Unit toll:                           |   |                        |           |            |                        |                         |                           |             |                          |              |
| Departures .....                     | 19,509                                  | 2,889                  | 913       | 3,802      | 23,311                 | ..                      | ..                        | ..          | ..                       |              |
| Hours flown .....                    | 25,392                                  | 3,019                  | 544       | 3,563      | 28,955                 | 345                     | 1,176                     | 30,476      | 211,640                  |              |
| Miles scheduled .....                | 6,386,914                               | ...                    | ...       | ...        | 6,386,914              | 82,328                  | 473,566                   | 6,942,808   | 49,403,522               |              |
| Miles flown:                         |   |                        |           |            |                        |                         |                           |             |                          |              |
| Scheduled .....                      | 6,638,279                               | ...                    | ...       | ...        | 6,638,279              | 82,383                  | 478,091                   | 7,198,753   | 50,090,024(4)            |              |
| Non-scheduled .....                  | 298,146                                 | 378,582                | 64,928    | 443,510    | 741,656                | -                       | -                         | 741,656     | 4,818,189(4)             |              |
| Totals .....                         | 6,936,425                               | 378,582                | 64,928    | 443,510    | 7,379,935              | 82,383                  | 478,091                   | 7,940,409   | 54,908,213               |              |
| Passengers carried .....             | 497,534                                 | 13,434                 | 2,783     | 16,217     | 513,751                | 65,055                  | 33,418                    | 612,224     | 4,050,231                |              |
| Goods carried:                       |   |                        |           |            |                        |                         |                           |             |                          |              |
| Cargo .....                          | 8,560,237                               | 786,167                | 294,281   | 1,080,448  | 9,640,685              | 707,104                 | 1,103,057                 | 11,611,566  | 89,336,016               |              |
| Excess baggage .....                 | 143,693                                 | 11,264                 | 5,763     | 17,027     | 160,720                | 118,383                 | 135,641                   | 3,766,071   | 32,524,323               |              |
| Mail .....                           | 3,404,572                               | 91,566                 | 15,909    | 107,475    | 3,512,047              | 825,487                 | 1,238,698                 | 15,377,637  | 121,860,339              |              |
| Totals .....                         | 12,108,502                              | 888,997                | 315,953   | 1,204,950  | 13,313,452             | 2,853,670               | 28,244,130                | 463,618,786 | 2,799,320,185            |              |
| Passenger-miles .....                | 429,489,591                             | 2,868,968              | 162,427   | 3,031,395  | 432,520,986            | 2,853,670               | 28,244,130                | 463,618,786 | 2,799,320,185            |              |
| Goods ton-miles:                     |   |                        |           |            |                        |                         |                           |             |                          |              |
| Cargo .....                          | 4,984,149                               | 221,118                | 474,400   | 695,518    | 5,679,667              | 17,103                  | 418,691                   | 6,408,951   | 45,938,923               |              |
| Excess baggage .....                 | 286,896                                 | 6,389                  | 205       | 6,594      | 293,490                | 2,652                   | 55,484                    | 1,516,732   | 12,613,374               |              |
| Mail .....                           | 1,430,547                               | 27,152                 | 897       | 28,049     | 1,458,596              | 19,755                  | 474,175                   | 7,925,683   | 58,552,297               |              |
| Totals .....                         | 6,701,592                               | 254,659                | 475,502   | 730,161    | 7,431,753              | 19,755                  | 474,175                   | 7,925,683   | 58,552,297               |              |
| Bulk:                                |   |                        |           |            |                        |                         |                           |             |                          |              |
| Departures .....                     | 5,303                                   | 9,366                  | 18,110    | 27,476     | 32,779                 | ..                      | ..                        | ..          | ..                       |              |
| Hours flown .....                    | 6,900                                   | 16,335                 | 16,853    | 33,188     | 40,088                 | 5                       | 231                       | 40,324      | 179,459                  |              |
| Miles flown .....                    | 1,361,503                               | 1,001,363              | 1,414,859 | 2,416,222  | 3,777,725              | 1,789                   | 79,630                    | 3,859,144   | 18,771,563               |              |
| Passengers carried .....             | 31,966                                  | 20,709                 | 29,674    | 50,383     | 82,349                 | 936                     | 6,535                     | 89,820      | 427,217                  |              |
| Freight carried .....                | 3,226,719                               | 8,065,369              | 3,704,549 | 11,769,918 | 14,996,637             | -                       | -                         | 14,996,637  | 69,844,108               |              |
| Passenger-miles(6) .....             | 81,483,727                              | 4,748,780              | 267,891   | 5,016,671  | 86,500,398             | ..                      | ..                        | ..          | ..                       |              |
| Goods ton-miles(6) .....             | 707,745                                 | 668,783                | 65,029    | 733,812    | 1,441,557              | -                       | -                         | 1,441,557   | ..                       |              |
| Revenue non-transportation services: |   |                        |           |            |                        |                         |                           |             |                          |              |
| Specialty flying - Hours flown "     | 114                                     | 2,085                  | 8,056     | 10,141     | 10,255                 | -                       | -                         | 10,255      | 62,337                   |              |

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

August 1964

|   | Canadian carriers                         |               |           |                         |             | Foreign carriers (2)   | Grand total all carriers   | Year to date |
|---|---|---------------|-----------|-------------------------|-------------|------------------------|----------------------------|--------------|
|   | Non-scheduled carriers                    |               |           | Total Canadian carriers |             |                        |                            |              |
|   | Scheduled carriers<br>Groups I and II (1) | Group III (1) | Group IV  |                         | Total       | United States carriers | Other Foreign carriers (3) |              |
| Total - All services:   |   |               |           |                         |             |                        |                            |              |
| Revenue:  |   |               |           |                         |             |                        |                            |              |
| Traffic, miles and hours: (7)   |   |               |           |                         |             |                        |                            |              |
| Departures .....  | 24,812                                    | 12,255        | 19,023    | 31,278                  | 56,090      | ..                     | ..                         | ..           |
| Hours flown .....   | 32,406                                    | 21,439        | 24,453    | 45,892                  | 78,298      | 350                    | 1,407                      | 80,055       |
| Miles flown .....   | 8,297,928                                 | 1,379,945     | 1,479,787 | 2,859,732               | 11,157,660  | 84,172                 | 557,721                    | 11,799,553   |
| Passengers carried .....  | 529,500                                   | 34,143        | 32,457    | 66,600                  | 596,100     | 65,991                 | 39,953                     | 702,044      |
| Cargo carried .....   | 11,786,956                                | 8,851,536     | 3,998,830 | 12,850,366              | 24,637,322  | 707,104 (8)            | 1,103,057 (8)              | 26,447,483   |
| Goods carried .....   | 15,335,221                                | 8,954,366     | 4,020,502 | 12,974,868              | 28,310,089  | 825,487                | 1,238,698                  | 30,374,274   |
| Passenger-miles (6) .....   | 510,973,318                               | 7,617,748     | 430,318   | 8,048,066               | 519,021,384 | ..                     | ..                         | ..           |
| Goods ton-miles (6) .....   | 7,409,337                                 | 923,442       | 540,532   | 1,463,974               | 8,873,311   | 19,755                 | 474,175                    | 9,367,241    |
| Non-revenue:  |   |               |           |                         |             |                        |                            |              |
| Hours flown .....   | 722                                       | 414           | 640       | 1,054                   | 1,776       | 1                      | -                          | 1,777        |
| Passengers carried .....  | 23,488                                    | 234           | 40        | 274                     | 23,762      | 1,279                  | 687                        | 25,728       |
| Goods carried .....   | 226,447                                   | 62,587        | 2,300     | 64,887                  | 291,334     | 15,975                 | 74,664                     | 381,973      |
| Passenger-miles .....   | 24,243,536                                | 307,433       | 761       | 308,194                 | 24,551,730  | 55,764                 | 482,466                    | 25,089,960   |
| Goods ton-miles .....   | 622,940                                   | 43,588        | -         | 43,588                  | 666,528     | 667                    | 23,182                     | 690,377      |
| Fuel and oil consumed:  |   |               |           |                         |             |                        |                            |              |
| Turbo fuel - Quantity .....   | 19,850,945                                | -             | 16,641    | 16,641                  | 19,867,586  | 144,289                | 3,188,365                  | 23,200,240   |
| Cost .....  | 2,791,797                                 | -             | 4,991     | 4,991                   | 2,796,788   | 24,311                 | 539,862                    | 3,360,961    |
| Gasoline - Quantity .....   | 1,431,822                                 | 854,755       | 372,352   | 1,227,107               | 2,638,929   | 32,223                 | 83,499                     | 2,774,651    |
| Cost .....  | 503,325                                   | 347,383       | 175,115   | 522,498                 | 1,025,823   | 8,568                  | 21,483                     | 1,055,874    |
| Turbo oil - Quantity .....  | 4,297                                     | -             | 3         | 3                       | 4,300       | 19                     | 128                        | 4,447        |
| Cost .....  | 43,221                                    | -             | 45        | 45                      | 43,266      | 108                    | 553                        | 43,927       |
| Other oil - Quantity .....  | 18,056                                    | 10,561        | 6,459     | 17,020                  | 35,076      | 224                    | 161                        | 35,461       |
| Cost .....  | 20,644                                    | 14,706        | 9,295     | 24,001                  | 44,645      | 193                    | 148                        | 44,986       |
| Average number of employees:  |   |               |           |                         |             |                        |                            |              |
| Pilots and co-pilots .....  | 1,047                                     | 328           | 290       | 618                     | 1,665       | ..                     | ..                         | ..           |
| Other flight personnel .....  | 1,151                                     | 28            | 13        | 41                      | 1,192       | ..                     | ..                         | ..           |
| General management .....  | 314                                       | 89            | 78        | 167                     | 481         | ..                     | ..                         | ..           |
| Maintenance labour .....  | 3,686                                     | 359           | 200       | 559                     | 4,245       | ..                     | ..                         | ..           |
| Aircraft & traffic servicing .....                                      | 5,244                                     | 117           | 66        | 183                     | 5,427       | ..                     | ..                         | ..           |
| Other personnel .....   | 4,672                                     | 201           | 106       | 307                     | 4,979       | ..                     | ..                         | ..           |
| Totals .....  | 16,114                                    | 1,122         | 753       | 1,875                   | 17,989      | 247                    | 739                        | 18,975       |
| Salaries and wages paid:  |   |               |           |                         |             |                        |                            |              |
| Pilots and co-pilots .....  | 1,291,366                                 | 290,439       | 222,634   | 513,073                 | 1,804,439   | ..                     | ..                         | ..           |
| Other flight personnel .....  | 560,127                                   | 20,220        | 4,243     | 24,463                  | 584,590     | ..                     | ..                         | ..           |
| General management .....  | 279,920                                   | 60,984        | 42,033    | 103,017                 | 382,937     | ..                     | ..                         | ..           |
| Maintenance labour .....  | 1,838,938                                 | 183,840       | 83,551    | 2,67,391                | 2,106,329   | ..                     | ..                         | ..           |
| Aircraft & traffic servicing .....                                      | 2,474,217                                 | 48,220        | 27,085    | 75,305                  | 2,549,522   | ..                     | ..                         | ..           |
| Other personnel .....   | 2,313,542                                 | 63,893        | 33,315    | 97,208                  | 2,410,750   | ..                     | ..                         | ..           |
| Totals .....  | 8,758,110                                 | 667,596       | 412,861   | 1,080,457               | 9,838,567   | 126,225                | 378,448                    | 79,454,734   |
| Group II non-scheduled carriers included with Group III for purposes of |   |               |           |                         |             |                        |                            |              |

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

(2) See "Foreign Carriers", page 7, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Trans-Canada Air Lines.

(6) Excludes chartered aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(7) These data exclude non-transportation services, except for hours flown.

(8) Includes excess baggage.

(9) Data in tables 4, 5, 6, 7, 8 and 9 included in this table.

TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group  
August 1964

|                                       | Scheduled carriers |             |            | Non-scheduled carriers |           |           | Grand total | Year to date |
|---------------------------------------|--------------------|-------------|------------|------------------------|-----------|-----------|-------------|--------------|
|                                       | Group I            | Group II(1) | Total      | Group III(1)           | Group IV  | Total     |             |              |
|                                       |                    |             |            |                        |           |           |             |              |
| Operating revenues:                   |                    |             |            |                        |           |           |             |              |
| Unit toll transportation:             |                    |             |            |                        |           |           |             |              |
| Passengers .....                      | 24,282,147         | 1,180,213   | 25,462,360 | 366,740                | 29,278    | 396,018   | 25,858,378  | 160,043,880  |
| Express .....                         | 1,186,135          | 106,604     | 1,292,739  | 7,733                  | 532       | 8,265     | 1,301,004   | 4,608,884    |
| Freight .....                         | 1,189,377          | 202,059     | 1,391,436  | 123,659                | 17,802    | 141,461   | 1,532,897   | 11,091,597   |
| Excess baggage .....                  | 129,719            | 24,855      | 154,574    | 8,781                  | 366       | 9,147     | 163,721     | 1,100,313    |
| Mail .....                            | 376,736            | 20,050      | 396,786    | 36,968                 | 2,488     | 39,456    | 436,242     | 9,212,754    |
| Total unit toll transportation ..     | 27,164,114         | 1,533,781   | 28,697,895 | 543,881                | 50,466    | 594,347   | 29,292,242  | 186,057,428  |
| Bulk transportation:                  |                    |             |            |                        |           |           |             |              |
| Total transportation .....            | 29,448,943         | 1,267,696   | 30,716,639 | 2,002,005              | 1,270,759 | 3,272,764 | 33,989,403  | 28,439,081   |
| Other flying services .....           | 5,613              | 2,801,477   | 2,807,090  | 2,545,886              | 1,321,225 | 3,867,111 | 36,081,645  | 214,496,509  |
| Total flying services .....           | 29,454,556         | 16,332      | 21,945     | 260,698                | 555,340   | 816,038   | 37,897,683  | 4,181,789    |
| Non-flying services .....             | Dr.                | 2,817,809   | 32,236,479 | 2,806,584              | 1,876,565 | 4,683,149 | 36,919,628  | 218,678,298  |
| Total operating revenues .....        | 29,391,139         | 2,840,026   | 32,231,165 | 114,855                | 61,731    | 176,586   | 37,090,900  | 221,096,598  |
| Operating expenses:                   |                    |             |            |                        |           |           |             |              |
| Flying operations .....               | 6,033,691          | 989,724     | 7,023,415  | 933,492                | 552,692   | 1,486,184 | 8,509,599   | 56,361,011   |
| Maintenance .....                     | 4,282,016          | 622,770     | 4,904,786  | 533,462                | 294,303   | 827,765   | 5,732,551   | 44,607,985   |
| General services and administration:  |                    |             |            |                        |           |           |             |              |
| Passenger service .....               | 1,975,681          | 110,633     | 2,086,314  | ..                     | ..        | ..        | ..          | ..           |
| Aircraft and traffic servicing .....  | 3,236,454          | 351,139     | 3,587,593  | ..                     | ..        | ..        | ..          | ..           |
| Promotion and sales .....             | 4,029,685          | 157,625     | 4,187,310  | ..                     | ..        | ..        | ..          | ..           |
| General administration .....          | 876,743            | 90,008      | 966,751    | ..                     | ..        | ..        | ..          | ..           |
| Totals .....                          | 10,118,563         | 709,405     | 10,827,968 | 304,633                | 158,597   | 463,230   | 11,291,198  | 82,028,042   |
| Depreciation and amortization .....   | 2,257,763          | 165,808     | 2,423,571  | 161,698                | 103,621   | 265,319   | 2,688,890   | 21,613,222   |
| Total operating expenses .....        | 22,692,033         | 2,487,707   | 25,179,740 | 1,933,285              | 1,109,213 | 3,042,498 | 28,222,238  | 204,610,260  |
| Operating income (loss) .....         | 6,699,106          | 352,319     | 7,051,425  | 988,154                | 829,083   | 1,817,237 | 8,868,662   | 16,486,338   |
| Non-operating income - Net:           |                    |             |            |                        |           |           |             |              |
| Capital gains and losses .....        | -                  | 10,597      | 10,597     | Dr.                    | 85        | Dr.       | 6,102       | 734,785      |
| Interest and discounts .....          | 214,218            | 18          | 214,236    | 1,033                  | 1,107     | 2,140     | 216,376     | 1,321,681    |
| Miscellaneous non-operating income .. | 7,957              | 1,309       | 6,648      | Dr.                    | 6         | Dr.       | 20,826      | 30,151       |
| Income before interest expense .....  | 6,921,281          | 361,625     | 7,282,906  | 957,297                | 830,111   | 1,787,408 | 9,070,314   | 18,512,653   |
| Interest expense .....                | 975,945            | 53,404      | 1,029,349  | 37,153                 | 20,012    | 57,165    | 1,086,514   | 8,536,047    |
| Income before income taxes .....      | 5,945,336          | 308,221     | 6,253,557  | 920,144                | 810,099   | 1,730,243 | 7,983,800   | 9,976,606    |
| Provision for income taxes .....      | -                  | -           | -          | 29,645                 | 68,321    | 97,966    | 97,966      | 267,040      |
| Net income after income taxes .....   | 5,945,336          | 308,221     | 6,253,557  | 890,499                | 741,778   | 1,632,277 | 7,885,834   | 9,709,566    |

(1) Group II non-scheduled carriers included with Group III for purposes of this report.  
(2) Data in Tables 3, 8 and 10 included in this table.



TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

August 1964

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|                                       | Canadian<br>Pacific<br>Air Lines | Eastern<br>Provincial<br>Airways<br>(1963) | Pacific<br>Western<br>Airlines | Quebecair<br>Inc. | Transair<br>Ltd. | Trans-<br>Canada<br>Air Lines | Total      | Year<br>to<br>date |
|---------------------------------------|----------------------------------|--|--------------------------------|-------------------|------------------|-------------------------------|------------|--------------------|
| Operating revenues:                   |                                  |  |                                |                   |                  |                               |            |                    |
| Unit toll transportation:             |                                  |  |                                |                   |                  |                               |            |                    |
| Passengers .....                      | 4,819,310                        | 268,739                                    | 426,803                        | 309,380           | 175,291          | 19,462,837                    | 25,462,360 | 157,978,558        |
| Express .....                         | 246,133                          | 27,779                                     | 47,004                         | 6,643             | 25,178           | 940,002                       | 1,292,739  | 4,529,859          |
| Freight .....                         | 401,049                          | 55,395                                     | 84,959                         | 38,897            | 22,808           | 788,328                       | 1,391,436  | 10,274,831         |
| Excess baggage .....                  | 40,201                           | 4,714                                      | 11,032                         | 7,123             | 1,986            | 89,518                        | 154,574    | 1,057,743          |
| Mail .....                            | 21,353                           | 3,580                                      | 13,155                         | -                 | 3,315            | 355,383                       | 396,786    | 8,803,433          |
| Total unit toll transportation ..     | 5,528,046                        | 360,207                                    | 582,953                        | 362,043           | 228,578          | 21,636,068                    | 28,697,895 | 182,644,424        |
| Bulk transportation .....             | 967,239                          | 243,860                                    | 655,199                        | 5,468             | 363,169          | 1,281,704                     | 3,516,639  | 13,945,697         |
| Total transportation .....            | 6,495,285                        | 604,067                                    | 1,238,152                      | 367,511           | 591,747          | 22,917,772                    | 32,214,534 | 196,590,121        |
| Other flying services .....           | -                                | 16,332                                     | -                              | -                 | -                | 5,613                         | 21,945     | 248,034            |
| Total flying services .....           | 6,495,285                        | 620,399                                    | 1,238,152                      | 367,511           | 591,747          | 22,923,385                    | 32,236,479 | 196,838,155        |
| Non-flying services .....             | 93,486                           | 3,067                                      | 1,023                          | 1,056             | 17,071           | Dr.                           | 5,314      | 1,305,866          |
| Total operating revenues .....        | 6,588,771                        | 623,466                                    | 1,239,175                      | 368,567           | 608,818          | 22,802,368                    | 32,231,165 | 198,144,021        |
| Operating expenses:                   |                                  |  |                                |                   |                  |                               |            |                    |
| Flying operations .....               | 1,824,961                        | 185,996                                    | 505,535                        | 93,438            | 204,755          | 4,208,730                     | 7,023,415  | 47,986,433         |
| Maintenance .....                     | 735,056                          | 200,640                                    | 176,112                        | 87,627            | 158,391          | 3,546,960                     | 4,904,786  | 39,110,027         |
| General services and administrations: |                                  |  |                                |                   |                  |                               |            |                    |
| Passenger service .....               | 482,566                          | 23,208                                     | 55,795                         | 13,653            | 17,977           | 1,493,115                     | 2,086,314  | 14,096,437         |
| Aircraft and traffic servicing .....  | 594,548                          | 92,096                                     | 208,661                        | 29,445            | 20,937           | 2,641,906                     | 3,587,593  | 27,046,432         |
| Promotion and sales .....             | 1,022,266                        | 20,793                                     | 42,166                         | 53,457            | 41,209           | 3,007,419                     | 4,187,310  | 29,557,048         |
| General administration .....          | 178,458                          | 8,262                                      | 38,535                         | 26,071            | 17,140           | 698,285                       | 966,751    | 7,989,360          |
| Totals .....                          | 2,277,838                        | 144,359                                    | 345,157                        | 122,626           | 97,263           | 7,840,725                     | 10,827,968 | 78,689,277         |
| Depreciation and amortization .....   | 99,047                           | 53,872                                     | 59,643                         | 32,343            | 19,950           | 2,158,716                     | 2,423,571  | 19,802,409         |
| Total operating expenses .....        | 4,936,902                        | 584,867                                    | 1,086,447                      | 336,034           | 480,359          | 17,755,131                    | 25,179,740 | 185,588,146        |
| Operating income (loss) .....         | 1,651,869                        | 38,599                                     | 152,728                        | 32,533            | 128,459          | 5,047,237                     | 7,051,425  | 12,555,875         |
| Non-operating income - Net:           |                                  |  |                                |                   |                  |                               |            |                    |
| Capital gains and losses .....        | -                                | -  | 10,597                         | -                 | -                | -                             | 10,597     | 485,557            |
| Interest and discounts .....          | 88,082                           | 4  | -                              | -                 | 14               | 126,136                       | 214,236    | 1,290,896          |
| Miscellaneous non-operating income .. | 226                              | -  | 269                            | 1,012             | 566              | 7,731                         | 6,648      | 56,374             |
| Income before interest expense .....  | 1,740,177                        | 38,603                                     | 163,594                        | 31,521            | 127,907          | 5,181,104                     | 7,282,906  | 14,388,702         |
| Interest expense .....                | -                                | 25,664                                     | 8,764                          | 13,464            | 5,512            | 975,945                       | 1,029,349  | 8,140,000          |
| Income before income taxes .....      | 1,740,177                        | 12,939                                     | 154,830                        | 18,057            | 122,395          | 4,205,159                     | 6,253,557  | 6,248,702          |
| Provision for income taxes .....      | -                                | -  | -                              | -                 | -                | -                             | -          | -                  |
| Net income after income taxes .....   | 1,740,177                        | 12,939                                     | 154,830                        | 18,057            | 122,395          | 4,205,159                     | 6,253,557  | 6,248,702          |

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

August 1964

|   | Group I carriers           |                        |             | Group II carriers                 |                             |                    |                   |            | Grand total |
|---|----------------------------|------------------------|-------------|-----------------------------------|-----------------------------|--------------------|-------------------|------------|-------------|
|   | Canadian Pacific Air Lines | Trans-Canada Air Lines | Total       | Eastern Provincial Airways (1963) | Pacific Western Airlines(1) | Quebecair Inc. (1) | Transair Ltd. (1) | Total(1)   |             |
| Revenue transportation services:                      |                            |                        |             |                                   |                             |                    |                   |            |             |
| Unit toll:  |                            |                        |             |                                   |                             |                    |                   |            |             |
| Departures .....                                      | 1,866                      | 12,400                 | 14,266      | 1,093                             | 1,793                       | 1,289              | 1,068             | 5,243      | 19,509      |
| Hours flown .....                                     | 3,298                      | 16,935                 | 20,233      | 1,009                             | 1,843                       | 1,108              | 1,199             | 5,159      | 25,392      |
| Miles scheduled .....                                 | 1,113,156                  | 4,721,711              | 5,834,867   | 130,055                           | 214,748                     | 114,210            | 93,034            | 552,047    | 6,386,914   |
| Miles flown:  |                            |                        |             |                                   |                             |                    |                   |            |             |
| Scheduled - Regular .....                             | 1,109,221                  | 4,706,754              | 5,815,975   | 105,932                           | 210,200                     | 109,900            | 93,034            | 519,066    | 6,335,041   |
| Extra section .....                                   | 17,495                     | 256,517                | 274,012     | 9,015                             | 9,551                       | 190                | 10,470            | 29,226     | 303,238     |
| Non-scheduled .....                                   | 45,243                     | -                      | 45,243      | 52,824                            | 55,188                      | 79,255             | 65,636            | 252,903    | 298,146     |
| Totals .....  | 1,171,959                  | 4,963,271              | 6,135,230   | 167,771                           | 274,939                     | 189,345            | 169,140           | 801,195    | 6,936,425   |
| Ratio of regular miles flown to miles scheduled ..... | 99.6                       | 99.7                   | 99.7        | 81.5                              | 97.9                        | 96.2               | 100.0             | 94.0       | 99.2        |
| Passengers carried .....                              | 50,147                     | 399,560                | 449,707     | 12,582                            | 18,872                      | 10,475             | 5,898             | 47,827     | 497,534     |
| Goods carried:  |                            |                        |             |                                   |                             |                    |                   |            |             |
| Freight .....   | 742,091                    | 5,181,408              | 5,923,499   | 496,629                           | 622,130                     | 185,886            | 133,267           | 1,437,912  | 7,361,411   |
| Express .....   | 93,384                     | 1,028,720              | 1,122,104   | 17,936                            | 46,584                      | -                  | 12,202            | 76,722     | 1,198,826   |
| Excess baggage .....                                  | 50,791                     | -                      | 50,791      | 19,483                            | 28,501                      | 34,237             | 10,681            | 92,902     | 143,693     |
| Mail .....  | 220,869                    | 2,791,950              | 3,012,819   | 126,987                           | 145,943                     | 84,382             | 391,753           | 3,404,572  | 3,404,572   |
| Totals .....  | 1,107,135                  | 9,002,078              | 10,109,213  | 661,035                           | 843,158                     | 254,564            | 240,532           | 1,999,289  | 12,108,502  |
| Passenger-miles:                                      |                            |                        |             |                                   |                             |                    |                   |            |             |
| Scheduled .....                                       | 82,762,213                 | 330,616,213            | 413,378,426 | 2,396,537                         | 4,787,006                   | 2,077,291          | 1,631,888         | 10,892,722 | 424,271,148 |
| Non-scheduled .....                                   | 1,670,873                  | -                      | 1,670,873   | 1,573,810                         | 239,958                     | 1,375,318          | 358,484           | 3,547,570  | 5,218,443   |
| Totals .....  | 84,433,086                 | 330,616,213            | 415,049,299 | 3,970,347                         | 5,026,964                   | 3,452,609          | 1,990,372         | 14,440,292 | 429,489,591 |
| Available seat-miles on scheduled services .....      | 136,881,637                | 475,437,971            | 612,319,608 | 3,504,962                         | 10,501,508                  | 3,659,640          | 3,583,907         | 21,250,017 | 633,569,625 |
| Passenger load factor on scheduled services .....     | 60.5                       | 69.5                   | 67.5        | 68.4                              | 45.6                        | 56.8               | 45.5              | 51.3       | 67.0        |
| Goods ton-miles:                                      |                            |                        |             |                                   |                             |                    |                   |            |             |
| Freight - Scheduled .....                             | 1,085,130                  | 3,108,534              | 4,193,664   | 123,810                           | 165,653                     | 19,526             | 8,192             | 317,181    | 4,510,845   |
| Non-scheduled .....                                   | 1,576                      | -                      | 1,576       | 4,543                             | 4,414                       | 13,475             | 20,247            | 42,679     | 44,255      |
| Totals .....  | 1,086,706                  | 3,108,534              | 4,195,240   | 128,353                           | 170,067                     | 33,001             | 28,439            | 359,860    | 4,555,100   |
| Express - Scheduled .....                             | 25,321                     | 386,360                | 411,681     | 854                               | 10,646                      | -                  | 2,631             | 14,131     | 425,812     |
| Non-scheduled .....                                   | 825                        | -                      | 825         | 2,025                             | -                           | -                  | 387               | 2,412      | 3,237       |
| Totals .....  | 26,146                     | 386,360                | 412,506     | 2,879                             | 10,646                      | -                  | 3,018             | 16,543     | 429,049     |

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Continued

August 1964

|   | Group I carriers           |                        |             | Group II carriers                 |                             |                   |                  |            | Grand total |
|---|----------------------------|------------------------|-------------|-----------------------------------|-----------------------------|-------------------|------------------|------------|-------------|
|   | Canadian Pacific Air Lines | Trans-Canada Air Lines | Total       | Eastern Provincial Airways (1963) | Pacific Western Airlines(1) | Quebecair Inc.(1) | Transair Ltd.(1) | Total(1)   |             |
| Revenue transportation services - Concluded:      |                            |                        |             |                                   |                             |                   |                  |            |             |
| Unit toll - Concluded:                            |                            |                        |             |                                   |                             |                   |                  |            |             |
| Goods ton-miles - Concluded:                      |                            |                        |             |                                   |                             |                   |                  |            |             |
| Excess baggage - Scheduled .....                  | 55,467                     | 212,304                | 267,771     | 945                               | 4,903                       | 3,150             | 1,553            | 10,551     | 278,322     |
| Non-scheduled .....                               | 169                        | -                      | 169         | 3,968                             | 157                         | 3,911             | 369              | 8,405      | 8,574       |
| Totals .....                                      | 55,636                     | 212,304                | 267,940     | 4,913                             | 5,060                       | 7,061             | 1,922            | 18,956     | 286,896     |
| Mail - Scheduled .....                            | 195,430                    | 1,156,586              | 1,352,016   | 10,339                            | 38,857                      | 2,852             | 4,759            | 56,807     | 1,408,823   |
| Non-scheduled .....                               | 3,945                      | -                      | 3,945       | 8,536                             | 624                         | 1,919             | 6,700            | 17,779     | 21,724      |
| Totals .....                                      | 199,375                    | 1,156,586              | 1,355,961   | 18,875                            | 39,481                      | 4,771             | 11,459           | 74,586     | 1,430,547   |
| Total - Scheduled .....                           | 1,361,348                  | 4,863,784              | 6,225,132   | 135,948                           | 220,059                     | 25,528            | 17,135           | 398,670    | 6,623,802   |
| Non-scheduled .....                               | 6,515                      | -                      | 6,515       | 19,072                            | 5,195                       | 19,305            | 27,703           | 71,275     | 77,790      |
| Totals .....                                      | 1,367,863                  | 4,863,784              | 6,231,647   | 155,020                           | 225,254                     | 44,833            | 44,838           | 469,945    | 6,701,592   |
| Available ton-miles on scheduled services .....   | 17,601,329                 | 67,105,858             | 84,707,187  | 647,295                           | 1,274,538                   | 361,526           | 394,612          | 2,677,971  | 87,385,158  |
| Weight load factor on scheduled services(3) ..... | 54.8                       | 56.5                   | 56.2        | 61.0                              | 55.2                        | 69.9              | 52.7             | 58.2       | 56.2        |
| Bulk:   |                            |                        |             |                                   |                             |                   |                  |            |             |
| Departures .....                                  | 92                         | 188                    | 280         | 1,442                             | 3,039                       | 20                | 522              | 5,023      | 5,303       |
| Hours flown .....                                 | 479                        | 750                    | 1,229       | 1,704                             | 2,790                       | 28                | 1,149            | 5,671      | 6,900       |
| Miles flown .....                                 | 234,890                    | 358,962                | 593,852     | 160,996                           | 406,612                     | 3,836             | 196,207          | 767,651    | 1,361,503   |
| Passengers carried .....                          | 7,005                      | 10,847                 | 17,852      | 4,128                             | 7,689                       | 101               | 2,196            | 14,114     | 31,966      |
| Freight carried .....                             | -                          | -                      | -           | 385,137                           | 1,535,872                   | 3,420             | 1,302,290        | 3,226,719  | 3,226,719   |
| Passenger-miles(4) .....                          | 26,854,375                 | 38,433,849             | 65,288,224  | 728,169                           | 13,089,592                  | 76,995            | 2,300,747        | 16,195,503 | 81,483,727  |
| Goods ton-miles(4) .....                          | -                          | -                      | -           | 32,423                            | 110,326                     | 383               | 564,613          | 707,745    | 707,745     |
| Revenue non-transportation services:              |                            |                        |             |                                   |                             |                   |                  |            |             |
| Specialty flying - Hours flown .....              | -                          | 22                     | 22          | 92                                | -                           | -                 | -                | 92         | 114         |
| Total - All services:                             |                            |                        |             |                                   |                             |                   |                  |            |             |
| Traffic, hours and miles:(5)                      |                            |                        |             |                                   |                             |                   |                  |            |             |
| Revenue:  |                            |                        |             |                                   |                             |                   |                  |            |             |
| Departures .....                                  | 1,958                      | 12,588                 | 14,546      | 2,535                             | 4,832                       | 1,309             | 1,590            | 10,266     | 24,812      |
| Hours flown .....                                 | 3,777                      | 17,707                 | 21,484      | 2,805                             | 4,633                       | 1,136             | 2,348            | 10,922     | 32,406      |
| Miles flown .....                                 | 1,406,849                  | 5,322,233              | 6,729,082   | 328,767                           | 681,551                     | 193,181           | 365,347          | 1,568,846  | 8,297,928   |
| Passengers carried .....                          | 57,152                     | 410,407                | 467,559     | 16,710                            | 26,561                      | 10,576            | 8,094            | 61,941     | 529,500     |
| Cargo carried .....                               | 835,475                    | 6,210,128              | 7,045,603   | 899,702                           | 2,204,586                   | 189,306           | 1,447,759        | 4,741,353  | 11,786,956  |
| Goods carried .....                               | 1,107,135                  | 9,002,078              | 10,109,213  | 1,046,172                         | 2,379,030                   | 257,984           | 1,542,822        | 5,226,008  | 15,335,221  |
| Passenger-miles(4) .....                          | 111,287,461                | 369,050,062            | 480,337,523 | 4,698,516                         | 18,116,556                  | 3,529,604         | 4,291,119        | 30,635,795 | 510,973,318 |
| Goods ton-miles(4) .....                          | 1,367,863                  | 4,863,784              | 6,231,647   | 187,443                           | 335,580                     | 45,216            | 609,451          | 1,177,690  | 7,409,537   |

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded  
August 1964

|  | Group I carriers           |                        |            | Group II carriers                 |                             |                   |                  | Total (1) | Grand total |
|--|----------------------------|------------------------|------------|-----------------------------------|-----------------------------|-------------------|------------------|-----------|-------------|
|  | Canadian Pacific Air Lines | Trans-Canada Air Lines | Total      | Eastern Provincial Airways (1963) | Pacific Western Airlines(1) | Quebecair Inc.(1) | Transair Ltd.(1) |           |             |
| <b>Total - All services - Concluded:</b> |                            |                        |            |                                   |                             |                   |                  |           |             |
| Traffic, hours and miles -               |                            |                        |            |                                   |                             |                   |                  |           |             |
| Concluded:(5)                            |                            |                        |            |                                   |                             |                   |                  |           |             |
| Non-revenue:                             |                            |                        |            |                                   |                             |                   |                  |           |             |
| Hours flown .....                        | 38                         | 158                    | 196        | 117                               | 311                         | 32                | 66               | 526       | 722         |
| Passengers carried .....                 | 22,250                     | -                      | 22,250     | 511                               | 411                         | 135               | 181              | 1,238     | 23,488      |
| Goods carried .....                      | 141,374                    | -                      | 141,374    | 31,440                            | 40,984                      | -                 | 12,649           | 85,073    | 226,447     |
| Passenger-miles .....                    | 4,257,770                  | 19,594,182             | 23,851,952 | 158,034                           | 99,837                      | 36,121            | 97,592           | 391,584   | 24,943,536  |
| Goods ton-miles .....                    | 191,619                    | 409,682                | 601,301    | 5,796                             | 12,412                      | -                 | 3,431            | 21,639    | 622,940     |
| <b>Fuel and oil consumed:</b>            |                            |                        |            |                                   |                             |                   |                  |           |             |
| Turbo fuel - Quantity .....              | 4,198,444                  | 15,299,783             | 19,498,227 | 128,754                           | -                           | 161,990           | 61,974           | 352,718   | 19,850,945  |
| Cost .....                               | 692,730                    | 2,019,979              | 2,712,709  | 30,900                            | -                           | 34,018            | 14,170           | 79,088    | 2,791,797   |
| Gasoline - Quantity .....                | 419,795                    | -                      | 419,795    | 158,928                           | 589,905                     | 32,733            | 230,461          | 1,012,027 | 1,431,822   |
| Cost .....                               | 120,386                    | -                      | 120,386    | 55,389                            | 221,866                     | 10,802            | 94,882           | 382,939   | 503,325     |
| Turbo oil - Quantity .....               | 356                        | 3,700                  | 4,056      | 64                                | -                           | 177               | -                | 241       | 4,297       |
| Cost .....                               | 2,808                      | 38,834                 | 41,642     | 960                               | -                           | 619               | -                | 1,579     | 43,221      |
| Other oil - Quantity .....               | 4,989                      | -                      | 4,989      | 2,440                             | 7,469                       | 602               | 2,556            | 13,067    | 18,056      |
| Cost .....                               | 4,989                      | -                      | 4,989      | 3,049                             | 9,336                       | 482               | 2,788            | 15,655    | 20,644      |
| <b>Average number of employees:</b>      |                            |                        |            |                                   |                             |                   |                  |           |             |
| Pilots and co-pilots .....               | 191                        | 610                    | 801        | 63                                | 94                          | 30                | 59               | 246       | 1,047       |
| Other flight personnel .....             | 247                        | 798                    | 1,045      | 9                                 | 56                          | 16                | 25               | 106       | 1,151       |
| General management .....                 | 116                        | 65                     | 181        | 11                                | 54                          | 49                | 19               | 133       | 314         |
| Maintenance labour .....                 | 525                        | 2,571                  | 3,096      | 213                               | 190                         | 70                | 117              | 590       | 3,686       |
| Aircraft and traffic servicing .....     | 859                        | 4,015                  | 4,874      | 90                                | 106                         | 116               | 58               | 370       | 5,244       |
| Other personnel .....                    | 684                        | 3,871                  | 4,555      | 46                                | 20                          | 8                 | 43               | 117       | 4,672       |
| Total employees .....                    | 2,622                      | 11,930                 | 14,552     | 432                               | 520                         | 289               | 321              | 1,562     | 16,114      |
| <b>Salaries and wages:</b>               |                            |                        |            |                                   |                             |                   |                  |           |             |
| Pilots and co-pilots .....               | 254,860                    | 825,700                | 1,080,560  | 52,769                            | 84,738                      | 24,310            | 48,989           | 210,806   | 1,291,366   |
| Other flight personnel .....             | 131,581                    | 381,784                | 513,365    | 3,185                             | 31,547                      | 4,007             | 8,023            | 46,762    | 560,127     |
| General management .....                 | 102,263                    | 109,872                | 212,135    | 9,987                             | 20,881                      | 20,881            | 12,623           | 67,785    | 279,920     |
| Maintenance labour .....                 | 244,854                    | 1,330,773              | 1,575,627  | 92,367                            | 86,941                      | 34,302            | 49,701           | 263,311   | 1,838,938   |
| Aircraft and traffic servicing .....     | 373,860                    | 1,930,700              | 2,304,560  | 33,965                            | 68,571                      | 41,787            | 25,334           | 169,657   | 2,474,217   |
| Other personnel .....                    | 267,141                    | 2,010,733              | 2,277,874  | 16,438                            | 4,736                       | 4,402             | 10,092           | 35,668    | 2,313,542   |
| Total salaries and wages .....           | 1,374,559                  | 6,589,562              | 7,964,121  | 208,711                           | 300,827                     | 129,689           | 154,762          | 793,989   | 8,758,110   |

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.  
 (2) Excludes Trans-Canada Air Lines.  
 (3) Standard passenger weight used: 200 pounds.  
 (4) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.  
 (5) These data exclude non-transportation services, except for hours flown.

TABLE 5. Revenue Interline Traffic(1), Canadian Scheduled Carriers - All Services, by Company

August 1964

|                                | Canadian<br>Pacific<br>Air Lines | Eastern<br>Provincial<br>Airways<br>(1963) | Pacific<br>Western<br>Airlines | Quebecair<br>Inc. | Transair<br>Ltd. | Trans-<br>Canada<br>Air Lines | Total      |
|--------------------------------|----------------------------------|--|--------------------------------|-------------------|------------------|-------------------------------|------------|
| <b>Passengers carried:</b>     |                                  |  |                                |                   |                  |                               |            |
| Originated .....               | 41,772                           | 8,973                                      | 16,430                         | 10,475            | 5,012            | 316,994                       | 399,656    |
| Domestic interline .....       | 3,315                            | 3,609                                      | -                              | -                 | -                | 82,566                        | 94,398     |
| Foreign interline .....        | 4,908                            | -  | -                              | -                 | -                | -                             | -          |
| Totals(2) .....                | 49,995                           | 12,582                                     | 16,430                         | 10,475            | 5,012            | 399,560                       | 494,054    |
| <b>Express carried:</b>        |                                  |  |                                |                   |                  |                               |            |
| Originated .....               | 93,384                           | 17,936                                     | 46,584                         | -                 | 12,202           | 1,028,720                     | 1,198,826  |
| Domestic interline .....       | -                                | -  | -                              | -                 | -                | -                             | -          |
| Foreign interline .....        | -                                | -  | -                              | -                 | -                | -                             | -          |
| Totals(2) .....                | 93,384                           | 17,936                                     | 46,584                         | -                 | 12,202           | 1,028,720                     | 1,198,826  |
| <b>Freight carried:</b>        |                                  |  |                                |                   |                  |                               |            |
| Originated .....               | 636,645                          | 496,629                                    | 565,105                        | 185,886           | 68,969           | 5,181,408                     | 7,134,642  |
| Domestic interline .....       | 17,137                           | -  | -                              | -                 | -                | -                             | 17,137     |
| Foreign interline .....        | 31,631                           | -  | -                              | -                 | -                | -                             | 31,631     |
| Totals(2) .....                | 685,413                          | 496,629                                    | 565,105                        | 185,886           | 68,969           | 5,181,408                     | 7,183,410  |
| <b>Excess baggage carried:</b> |                                  |  |                                |                   |                  |                               |            |
| Originated .....               | 50,791                           | 19,483                                     | 25,856                         | 34,237            | 7,474            | -                             | 137,841(3) |
| Domestic interline .....       | -                                | -  | -                              | -                 | -                | -                             | -          |
| Foreign interline .....        | -                                | -  | -                              | -                 | -                | -                             | -          |
| Totals(2) .....                | 50,791                           | 19,483                                     | 25,856                         | 34,237            | 7,474            | -                             | 137,841(3) |
| <b>Mail carried:</b>           |                                  |  |                                |                   |                  |                               |            |
| Originated .....               | 220,869                          | 126,987                                    | 135,870                        | 34,441            | 23,318           | 2,791,950                     | 3,333,435  |
| Domestic interline .....       | -                                | -  | -                              | -                 | -                | -                             | -          |
| Foreign interline .....        | -                                | -  | -                              | -                 | -                | -                             | -          |
| Totals(2) .....                | 220,869                          | 126,987                                    | 135,870                        | 34,441            | 23,318           | 2,791,950                     | 3,333,435  |

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Board.

(2) Excludes division interline.

(3) Excludes Trans-Canada Air Lines.



TABLE 6. Operating Statistics, Canadian International Carriers - All Revenue Services, by area of Service

August 1964

| Unit toll:   | Trans-<br>Border<br>Services | Trans-<br>Atlantic<br>and Polar<br>Services | Southern<br>Services | Pacific<br>and<br>Orient<br>Services | Total<br>International<br>Services | Domestic<br>Services | Grand<br>total |
|--|------------------------------|---|----------------------|--------------------------------------|------------------------------------|----------------------|----------------|
| Departures .....   | 2,219                        | 556   | 378                  | 93                                   | 3,246                              | 11,020               | 14,266         |
| Hours flown .....  | 3,059                        | 2,340                                       | 1,066                | 581                                  | 7,046                              | 13,187               | 20,233         |
| Miles scheduled .....                                    | 664,162                      | 1,055,028                                   | 402,425              | 276,106                              | 2,397,721                          | 3,437,146            | 5,834,867      |
| Miles flown:   |                              |   |                      |                                      |                                    |                      |                |
| Scheduled - Regular .....                                | 661,526                      | 1,054,048                                   | 402,339              | 272,212                              | 2,390,125                          | 3,425,850            | 5,815,975      |
| Extra sections .....                                     | 50,028                       | 82,245                                      | 7,686                | -                                    | 139,959                            | 134,053              | 274,012        |
| Non-scheduled .....                                      | -                            | -   | -                    | -                                    | -                                  | 45,243               | 45,243         |
| Totals .....   | 711,554                      | 1,136,293                                   | 410,025              | 272,212                              | 2,530,084                          | 3,605,146            | 6,135,230      |
| Ratio of regular miles flown to miles<br>scheduled ..... | 99.6                         | 99.9  | 100.0                | 98.6                                 | 99.7                               | 99.7                 | 99.7           |
| Passengers carried .....                                 | ...                          | ...   | ...                  | ...                                  | 171,040                            | 278,515              | 449,555        |
| Cargo carried .....                                      | ...                          | ...   | ...                  | ...                                  | 2,909,675                          | 3,985,866            | 6,895,541      |
| Mail carried .....                                       | ...                          | ...   | ...                  | ...                                  | 394,007                            | 2,618,812            | 3,012,819      |
| Passenger-miles .....                                    | 43,476,013                   | 103,250,939                                 | 26,659,225           | 17,720,180                           | 191,106,357                        | 223,942,942          | 415,049,299    |
| Available seat-miles on scheduled services               | 61,117,665                   | 148,378,924                                 | 50,406,122           | 35,259,634                           | 295,142,345                        | 319,895,475          | 615,057,820    |
| Passenger load factor on scheduled services              | 71.1                         | 69.6  | 52.9                 | 50.2                                 | 64.8                               | 70.0                 | 67.5           |
| Goods ton-miles:   |                              |   |                      |                                      |                                    |                      |                |
| Express .....  | 72,746                       | -   | -                    | -                                    | 72,746                             | 339,760              | 412,506        |
| Freight .....  | 291,240                      | 903,698                                     | 282,131              | 450,152                              | 1,927,221                          | 2,268,019            | 4,195,240      |
| Excess baggage .....                                     | 29,645                       | 45,109                                      | 34,436               | 12,395                               | 121,605                            | 146,335              | 267,940        |
| Mail .....   | 41,462                       | 181,809                                     | 51,901               | 94,963                               | 370,135                            | 985,826              | 1,355,961      |
| Totals .....   | 435,093                      | 1,130,616                                   | 368,488              | 557,510                              | 2,491,707                          | 3,739,940            | 6,231,647      |
| Available ton-miles on scheduled service .....           | 7,516,107                    | 21,854,441                                  | 6,159,491            | 4,562,276                            | 40,092,315                         | 44,951,535           | 85,043,850     |
| Weight load factor on scheduled services(1)              | 57.8                         | 47.2  | 43.3                 | 51.1                                 | 53.9                               | 58.1                 | 56.1           |
| Bulk:  |                              |   |                      |                                      |                                    |                      |                |
| Departures .....   | 86                           | 602   | -                    | -                                    | 688                                | ...                  | ...            |
| Hours flown .....  | 139                          | 1,718                                       | -                    | -                                    | 1,857                              | ...                  | ...            |
| Miles flown .....  | 28,374                       | 653,393                                     | -                    | -                                    | 681,767                            | ...                  | ...            |
| Passengers carried .....                                 | 328                          | 20,414                                      | -                    | -                                    | 20,742                             | ...                  | ...            |
| Goods carried .....                                      | -                            | 119,464                                     | -                    | -                                    | 119,464                            | ...                  | ...            |
| Passenger-miles(2) .....                                 | ...                          | -   | -                    | -                                    | 68,234,074                         | ...                  | ...            |
| Goods ton-miles(2) .....                                 | -                            | 8,477                                       | -                    | -                                    | 8,477                              | ...                  | ...            |
| Total:   |                              |   |                      |                                      |                                    |                      |                |
| Departures .....   | 2,305                        | 1,158                                       | 378                  | 93                                   | 3,934                              | ...                  | ...            |
| Hours flown .....  | 3,198                        | 4,058                                       | 1,066                | 581                                  | 8,903                              | ...                  | ...            |
| Miles flown .....  | 739,928                      | 1,789,686                                   | 410,025              | 272,212                              | 3,211,851                          | ...                  | ...            |
| Passengers carried .....                                 | ...                          | ...   | ...                  | ...                                  | 191,782                            | ...                  | ...            |
| Goods carried .....                                      | ...                          | ...   | ...                  | ...                                  | 3,423,146                          | ...                  | ...            |
| Passenger-miles(2) .....                                 | ...                          | ...   | ...                  | ...                                  | 259,340,431                        | ...                  | ...            |
| Goods ton-miles(2) .....                                 | 435,093                      | 1,130,616                                   | 368,488              | 557,510                              | 2,500,184                          | ...                  | ...            |

(1) Standard passenger weight used: 200 pounds.

(2) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

TABLE 7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)

August 1964

|  | United States              |                 |           | Europe                    |                 |           |
|--|----------------------------|-----------------|-----------|---------------------------|-----------------|-----------|
|  | To                         | From            | Total     | To                        | From            | Total     |
| Passengers carried:                          |                            |                 |           |                           |                 |           |
| Unit toll ..... No.                          | 96,632                     | 98,022          | 194,654   | 23,854                    | 34,443          | 58,297    |
| Bulk ..... "                                 | 600                        | 492             | 1,092     | 11,366                    | 12,419          | 23,785    |
| Totals ..... "                               | 97,232                     | 98,514          | 195,746   | 35,220                    | 46,862          | 82,082    |
| Freight, express and excess baggage carried: |                            |                 |           |                           |                 |           |
| Unit toll ..... 1b.                          | 524,169                    | 2,211,311       | 2,735,480 | 417,773                   | 1,138,037       | 1,555,810 |
| Bulk ..... "                                 | -                          | -               | -         | -                         | -               | -         |
| Totals ..... "                               | 524,169                    | 2,211,311       | 2,735,480 | 417,773                   | 1,138,037       | 1,555,810 |
| Mail carried (unit toll) ..... "             | 127,911                    | 227,438         | 355,349   | 103,494                   | 129,544         | 233,038   |
|  | All other areas            |                 |           | Totals                    |                 |           |
|  | To                         | From            | Total     | To                        | From            | Total     |
| Passengers carried:                          |                            |                 |           |                           |                 |           |
| Unit toll ..... No.                          | 5,077                      | 6,527           | 11,604    | 125,563                   | 138,992         | 264,555   |
| Bulk ..... "                                 | -                          | -               | -         | 11,966                    | 12,911          | 24,877    |
| Totals ..... "                               | 5,077                      | 6,527           | 11,604    | 137,529                   | 151,903         | 289,432   |
| Freight, express and excess baggage carried: |                            |                 |           |                           |                 |           |
| Unit toll ..... 1b.                          | 122,238                    | 105,227         | 227,465   | 1,064,180                 | 3,454,575       | 4,518,755 |
| Bulk ..... "                                 | -                          | -               | -         | -                         | -               | -         |
| Totals ..... "                               | 122,238                    | 105,227         | 227,465   | 1,064,180                 | 3,454,575       | 4,518,755 |
| Mail carried (unit toll) ..... "             | 17,299                     | 19,970          | 37,269    | 248,704                   | 376,952         | 625,656   |
|  | Total by Canadian carriers |                 |           | Total by Foreign carriers |                 |           |
|  | Leaving Canada             | Entering Canada | Total     | Leaving Canada            | Entering Canada | Total     |
| Passengers carried:                          |                            |                 |           |                           |                 |           |
| Unit toll ..... No.                          | 79,114                     | 86,968          | 166,082   | 46,449                    | 52,024          | 98,473    |
| Bulk ..... "                                 | 8,314                      | 9,092           | 17,406    | 3,652                     | 3,819           | 7,471     |
| Totals ..... "                               | 87,428                     | 96,060          | 183,488   | 50,101                    | 55,843          | 105,944   |
| Freight, express and excess baggage carried: |                            |                 |           |                           |                 |           |
| Unit toll ..... 1b.                          | 714,951                    | 1,993,643       | 2,708,594 | 349,229                   | 1,460,932       | 1,810,161 |
| Bulk ..... "                                 | -                          | -               | -         | -                         | -               | -         |
| Totals ..... "                               | 714,951                    | 1,993,643       | 2,708,594 | 349,229                   | 1,460,932       | 1,810,161 |
| Mail carried (unit toll) ..... "             | 165,910                    | 205,722         | 371,632   | 82,794                    | 171,230         | 254,024   |

(1) Passengers and goods in transit through Canada are excluded.

TABLE 8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service

August 1964

|                                      | Fixed wing aircraft |                |               |                | Helicopters   |                |               |                |
|--------------------------------------|---------------------|----------------|---------------|----------------|---------------|----------------|---------------|----------------|
|                                      | Month               |                | Year to date  |                | Month         |                | Year to date  |                |
|                                      | Revenue hours       | Revenue earned | Revenue hours | Revenue earned | Revenue hours | Revenue earned | Revenue hours | Revenue earned |
| Type of service:                     | No.                 | \$             | No.           | \$             | No.           | \$             | No.           | \$             |
| Aerial advertising .....             | 13                  | 1,359          | 20            | 2,045          | 40            | 3,260          | 164           | 15,407         |
| Aerial fish cultivation .....        | -                   | -              | -             | -              | -             | -              | -             | -              |
| Aerial patrol and inspection .....   | 1,106               | 119,674        | 8,043         | 866,535        | 993           | 100,467        | 4,013         | 410,684        |
| Aerial pest control .....            | 889                 | 190,979        | 5,416         | 707,229        | -             | -              | -             | -              |
| Aerial photography and survey .....  | 218                 | 42,018         | 2,177         | 276,463        | -             | -              | 359           | 30,165         |
| Aerial photography (excl. survey) .. | 232                 | 35,901         | 1,074         | 215,195        | 7             | 305            | 116           | 7,880          |
| Aircraft rental .....                | 105                 | 1,829          | 667           | 18,882         | -             | -              | 3             | 250            |
| Flying training .....                | 4,077               | 69,597         | 23,663        | 401,996        | -             | -              | 209           | 15,750         |
| Geophysical survey .....             | 700                 | 57,970         | 5,483         | 554,870        | 143           | 54,000         | 954           | 224,349        |
| Non-transportation charter .....     | 2                   | 13,574         | 739           | 67,835         | -             | -              | 2             | 509            |
| Philanthropic .....                  | -                   | -              | -             | -              | -             | -              | -             | -              |
| Recreational flying .....            | 1,449               | 29,924         | 8,416         | 180,747        | -             | -              | 49            | 5,576          |
| Specialty flying - Other .....       | 281                 | 164,611        | 589           | 214,742        | -             | -              | 181           | 12,232         |
| Totals .....                         | 9,072               | 727,436        | 56,287        | 3,506,539      | 1,183         | 158,032        | 6,050         | 722,802        |

TABLE 9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV

August 1964

|                                       | Carriers operating helicopters only |              | Carriers operating both helicopters and fixed wing aircraft |              | Total   |              |
|---------------------------------------|-------------------------------------|--------------|---|--------------|---------|--------------|
|                                       | Month                               | Year to date | Month   | Year to date | Month   | Year to date |
| Carriers reporting .....              | No. 13                              | ...          | 8   | ...          | 21      | ...          |
| Helicopters - Owned .....             | " 117                               | 116          | 15  | 12           | 132     | 128          |
| Leased .....                          | " 12                                | 11           | 1   | 1            | 13      | 12           |
| Totals .....                          | " 129                               | 127          | 16  | 13           | 145     | 140          |
| Revenue hours flown - Unit toll ..... | " 4                                 | 35           | -   | -            | 4       | 35           |
| Bulk .....                            | " 12,644                            | 38,413       | 603   | 2,444        | 13,247  | 40,857       |
| Specialty .....                       | " 860                               | 4,750        | 236   | 1,238        | 1,096   | 5,988        |
| Totals .....                          | " 13,508                            | 43,198       | 839   | 3,682        | 14,347  | 46,880       |
| Non-revenue hours flown .....         | " 149                               | 1,547        | 17  | 161          | 166     | 1,708        |
| Fuel and oil consumed:                |                                     |              |   |              |         |              |
| Gasoline .....                        | gal. 238,490                        | 710,088      | 13,285  | 68,380       | 251,775 | 778,468      |
| Cost .....                            | \$ 108,633                          | 328,605      | 6,253   | 31,459       | 114,886 | 360,064      |
| Oil .....                             | gal. 3,396                          | 11,905       | 301   | 1,575        | 3,697   | 13,480       |
| Cost .....                            | \$ 5,498                            | 20,717       | 518   | 2,284        | 6,016   | 23,001       |
| Average number of employees:          |                                     |              |   |              |         |              |
| Pilots .....                          | No. 151                             | 120          | 13  | 10           | 164     | 130          |
| Administrative .....                  | " 52                                | 48           | 8   | 1            | 60      | 49           |
| Maintenance labour .....              | " 127                               | 117          | 4   | 7            | 131     | 124          |
| Other personnel .....                 | " 8                                 | 8            | -   | -            | 8       | 8            |
| Totals .....                          | " 338                               | 293          | 25  | 18           | 363     | 311          |
| Salaries and wages:                   |                                     |              |   |              |         |              |
| Pilots .....                          | \$ 132,493                          | 730,800      | 11,508  | 66,304       | 144,001 | 797,104      |
| Administrative .....                  | \$ 30,963                           | 229,129      | 4,467   | 11,037       | 35,430  | 240,166      |
| Maintenance labour .....              | \$ 75,001                           | 476,143      | 1,324   | 29,167       | 76,325  | 505,310      |
| Other personnel .....                 | \$ 1,925                            | 18,284       | -   | -            | 1,925   | 18,284       |
| Totals .....                          | \$ 240,382                          | 1,454,356    | 17,299  | 106,508      | 257,681 | 1,560,864    |

TABLE 10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV  
August 1964

|  | Current month | Year to date |
|--|---------------|--------------|
|  | dollars       |              |
| Operating revenues:                      |               |              |
| Unit toll transportation:                |               |              |
| Passengers .....                         | 31            | 133          |
| Express .....                            | -             | -            |
| Freight .....                            | -             | -            |
| Excess baggage .....                     | -             | -            |
| Mail .....                               | -             | -            |
| Total unit toll transportation .....     | 31            | 133          |
| Bulk transportation .....                | 1,344,525     | 4,322,785    |
| Total transportation .....               | 1,344,556     | 4,322,918    |
| Other flying services .....              | 126,731       | 596,977      |
| Total flying services .....              | 1,471,287     | 4,919,895    |
| Non-flying services .....                | 65,762        | 149,244      |
| Total operating revenues .....           | 1,537,049     | 5,069,139    |
| Operating expenses:                      |               |              |
| Flying operations .....                  | 401,958       | 1,939,324    |
| Maintenance .....                        | 157,120       | 875,518      |
| General service and administration ..... | 63,624        | 527,797      |
| Depreciation and amortization .....      | 68,446        | 386,792      |
| Total operating expenses .....           | 691,148       | 3,729,431    |
| Operating income (deficit) .....         | 845,901       | 1,339,708    |
| Non-operating income:                    |               |              |
| Capital gains and losses .....           | Dr. 3,979     | 29,296       |
| Interest and discounts .....             | Dr. 64        | 7,369        |
| Miscellaneous non-operating income ..... | 1,005         | 3,108        |
| Income before interest expense .....     | 842,863       | 1,379,481    |
| Interest expense .....                   | 23,895        | 109,388      |
| Income before income taxes .....         | 818,968       | 1,270,093    |
| Provision for income taxes .....         | 27,214        | 32,850       |
| Net income after income taxes .....      | 791,754       | 1,237,243    |

CIVIL AVIATION DEFINITIONS(1)

- Bulk Transportation:
- (1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4); and
  - (2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).

Classification of Canadian Carriers by Groups

- Group I Carriers: Canadian Air Carriers licensed to perform both domestic and international scheduled services. (Trans-Canada Air Lines and Canadian Pacific Air Lines Ltd.).
- Group II Carriers: Canadian Air Carriers other than Group I carriers licensed to perform domestic scheduled services and Nordair Ltd.(2).
- Group III Carriers: Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$500,000 or over (excepting air carriers included in Group I and II).
- Group IV Carriers: Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$100,000 and over, but less than \$500,000.
- Group V Carriers: Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of less than \$100,000.

Cargo: Air freight and air express (excluding mail and excess baggage).

Carrier, Air: Any person who operates aircraft in or over Canada for hire or reward.

Non-Scheduled Carriers: Carriers not operating any scheduled (Class I) service.

Scheduled Carriers: Air Carriers serving designated points in accordance with a service schedule and at a toll per unit.

- 
- (1) Reference to Classes refers to the classification of air carriers as defined by the Air Transport Board and published in the "Directory of Canadian Commercial Air Services" Queen's Printer, Ottawa.
  - (2) For statistical purposes in this report, Nordair Ltd. is included with Group III carriers.



Freedoms of the Air:

- First Freedom: The privilege to fly over the territory of a foreign country without landing.
- Second Freedom: The privilege to land on the territory of a foreign country for non-traffic purposes.
- Third Freedom: The privilege to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
- Fourth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
- Fifth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the privilege to put down in a foreign country, passengers, mail and cargo coming from any such territory.

Goods: Air Cargo (freight and express) plus mail and excess baggage.

Interline Traffic:

- Domestic Interline: Passengers and goods received by a carrier at Canadian points from other Canadian Air Carriers.
- Foreign Interline: Passengers and goods received by a carrier from Foreign Air Carriers.
- Divisional Interline: Passengers and goods received from other operating divisions of the same carrier.

International Services:

- Trans-Border Services: Services between Canada and the United States.
- Southern Services: Services between Canada and Bermuda, the Caribbean, Mexico, Central or South America.
- Trans-Atlantic and Polar Services: Services between Canada and Europe.
- Pacific and Orient Services: Services between Canada and points in the Pacific Ocean or the Orient.

Load Capacity Available: Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, stewards' supplies, etc.

|                                   |  |
|-----------------------------------|--|
| <u>Load Factor, Passenger:</u>    | Ratio of revenue passenger-miles performed to available seat-miles.  |
| <u>Load Factor, Weight:</u>       | - See Weight, Load-Factor.   |
| <u>Miles:</u>                     | Statute miles of 5,280 ft.   |
| <u>Passenger:</u>                 | A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger. A round trip passenger is counted as two passengers.   |
| <u>Passenger Load-Factor:</u>     | - See Load Factor, Passenger.  |
| <u>Passenger-Mile:</u>            | The transportation of one passenger one mile.  |
| <u>Non-Revenue Passenger:</u>     | A child or adult carried on a revenue transportation flight for whom no fare is collected, including company personnel.  |
| <u>Revenue Passenger:</u>         | A child or adult for which a fare or part of a fare is paid.   |
| <u>Seat-Miles Available:</u>      | Seats available for the transportation of passengers multiplied by the miles flown on each inter-station flight.   |
| <u>Specialty Flying Services:</u> | Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising.   |
| <u>Tons:</u>                      | Short tons of 2,000 lbs.   |
| <u>Ton-Mile:</u>                  | The transportation of one ton of goods one mile.   |
| <u>Ton-Miles Available:</u>       | Available load capacity multiplied by miles flown on each inter-station flight.  |
| <u>Unit Toll Transportation:</u>  | Public transportation of passengers and goods at a toll per unit. It includes: <ul style="list-style-type: none"><li>(i) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class I); and</li><li>(ii) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3).</li></ul> |
| <u>Weight Load Factor:</u>        | Ratio of revenue ton-miles performed to available ton-miles.   |





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## SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures are not available.
- ... Figures not appropriate or not applicable.
- Nil or zero.

## INTRODUCTION

"Civil Aviation" reports are prepared from monthly and quarterly schedules filed with the Air Transport Board and the Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly returns filed with the Dominion Bureau of Statistics by foreign air carriers operating in Canada.

For reporting purposes, Canadian air carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. These groups are described on page twenty of this publication along with other definitions. It should be noted that the definition of each of the five groups has been revised as of 1st January, 1964. This revision resulted in four former group III carriers being transferred to Group IV and 24 former Group IV carriers being transferred to Group V. It should also be noted that Nordair Ltd., classified as a Group II carrier by the Air Transport Board, is included with Group III carriers for statistical purposes. Group V comprises small air carriers required to file returns on a quarterly basis only. Data on their operations are excluded from the other carrier statistics appearing throughout the report.

Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. A complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

Domestic and international operations of Canadian carriers are combined in all tables except Table 6 which provides a breakdown of domestic and international operations for Canadian carriers operating international unit toll and bulk services.

Commencing with the January, 1964 issue, bulk transport passenger-miles and goods-ton-miles have been added to the statistical data of this report. However, because of survey limitations, this data refers only to aircraft which has a minimum authorized take-off weight on wheels in excess of 18,000 pounds. Operating data covering bulk international flights have also been added to Table 6. It should be noted, however, that the number of carriers reporting international bulk services may vary from month to month.

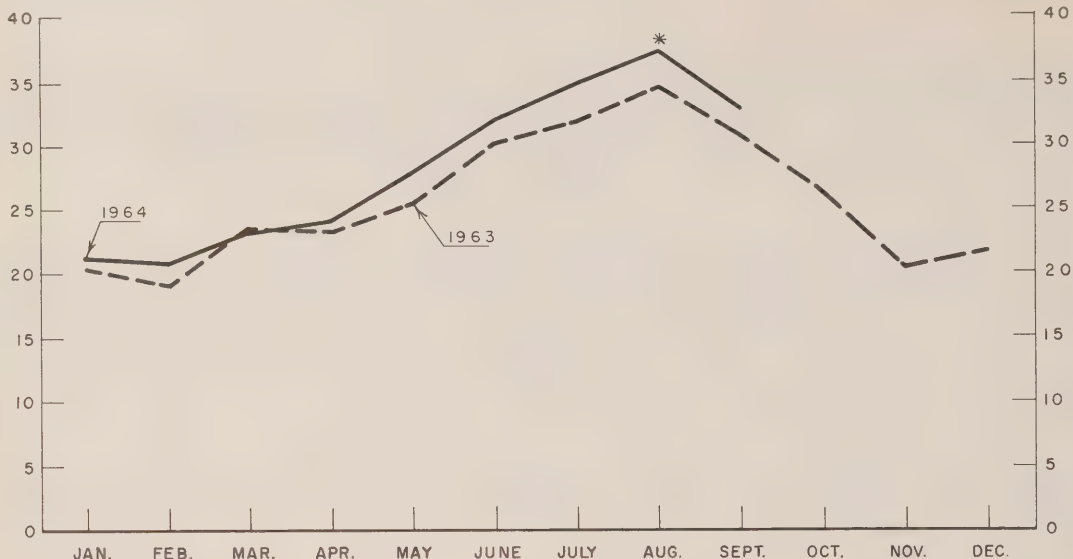
Table 7 provides data on traffic leaving and entering Canada on an area of service basis. Passengers, cargo and mail in transit through Canada are excluded. The table contains the operations of both Canadian and Foreign carriers with separate totals for each.

Also commencing with the January, 1964 issue of "Civil Aviation", data on helicopters have been expanded to include more detail. A split has been made between the use of fixed wing aircraft and helicopters for specialty flying.

# OPERATING REVENUE OF CANADIAN AIR CARRIERS 1963-1964

MILLION DOLLARS

MILLION DOLLARS

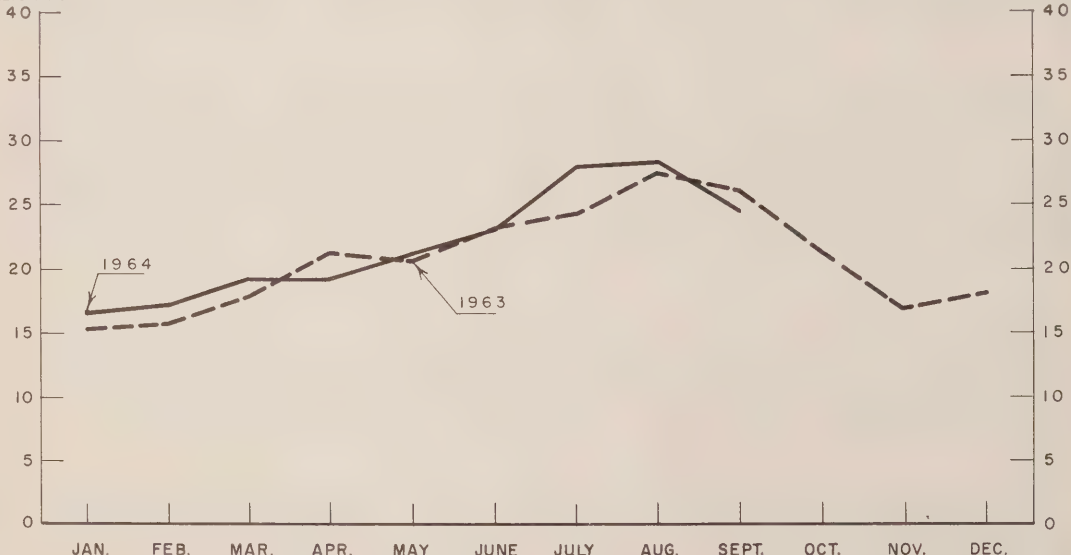


\* ALL TIME HIGH FOR SINGLE MONTH.

# REVENUE GOODS CARRIED BY CANADIAN AIR CARRIERS 1963-1964

MILLION POUNDS

MILLION POUNDS



(REVENUE GOODS = FREIGHT + EXPRESS + EXCESS BAGGAGE + MAIL)



## REVIEW OF SEPTEMBER OPERATIONS

During the month of September 1964, Canadian air carriers transported more revenue passengers but less revenue goods than in the same month of the previous year. Passengers carried totalled 564,050, an increase of 8.5 per cent, while goods transported showed a decrease of 6.9 per cent to 7,173 tons. The revenue miles flown were up slightly to 9,836,088. Passenger-miles and goods-ton-miles performed by Canadian carriers in unit toll and bulk services totalled 454,215,953 and 9,656,279 respectively. Unit toll services accounted for 85.8 per cent of the total passenger-miles and 80.5 per cent of the total goods-ton-miles.

September operating revenues showed a 6.9 per cent increase over September 1963 to \$32,887,024 while operating expenses increased 6.0 per cent to \$27,302,797, thus an operating income of \$5,584,227 was reported. This compared with an income of \$5,014,065 for the same month of the previous year. A net income after provision for income taxes of \$4,665,441 was reported as against a net income of \$3,940,967 in September 1963.

Revenue hours reported flown by 13 carriers who operated 119 helicopters exclusively amounted to 8,068. Hours reported flown by 13 helicopters operated by 7 fixed wing carriers totalled 539. Operating revenues reported by helicopter carriers amounted to \$929,597 while operating expenses amounted to \$653,397.

In September the six scheduled carriers transported 481,422 revenue passengers, 85.4 per cent of the total passengers carried by all Canadian carriers. They also carried 6,696 tons of revenue goods, 55.1 per cent of the total. Operating revenues amounted to \$29,506,040 or 89.7 per cent of the total. Operating expenses amounted to \$24,610,327 or 90.1 per cent of the total. Comparable figures for September 1963 are: passengers 87.4 per cent, goods 50.7 per cent, revenues 87.2 per cent and expenses 87.6 per cent.

Revenue passenger-miles performed by Canadian carriers in international unit toll service in September amounted to 163,518,701 or 42.0 per cent of the total unit toll passenger-miles. The division of international services by air was as follows:

| <u>Area</u>                    | <u>Percentage</u> |
|--------------------------------|-------------------|
| Trans-Border .....             | 24.0              |
| Trans-Atlantic and Polar ..... | 50.6              |
| Southern .....                 | 13.3              |
| Pacific and Orient .....       | <u>12.1</u>       |
| Total .....                    | <u>100.0</u>      |

### The Cumulative View:

The first nine months of 1964 compared with the same period of 1963 showed the revenue passengers were up 5.4 per cent to 4,383,877 while revenue goods rose 2.5 per cent to 98,504 tons. Passenger-miles and goods-ton-miles performed by Canadian carriers totalled 3,402,156,477 and 77,322,612 respectively. Operating revenues increased 6.5 per cent to \$255,037,472 while operating expenses rose 6.0 per cent to \$232,736,623.

### Foreign Carriers:

Foreign carriers licensed to operate in Canada transported 97,738 revenue passengers during September, an increase of 19.0 per cent over September 1963. Revenue goods carried totalled 1,356 tons, an increase of 35.3 per cent. Foreign carriers report hours and miles flown over Canadian territory only. Statistics of passengers and goods in transit have been excluded.

### Note:

In Tables 2 and 3 of the "Civil Aviation" report for July 1964, the figures for express and mail revenues for Canadian Pacific Air Lines, Quebecair and Trans-Canada Air Lines were interchanged in error. The figures for the six scheduled carriers in the August publication were also interchanged. "Year to date" figures have been revised accordingly in this issue.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

September 1964

|                                      | Canadian carriers  |              |                        |           |                        | Total Canadian carriers | Foreign carriers(2)       |            | Grand total all carriers | Year to date  |
|--------------------------------------|--------------------|--------------|------------------------|-----------|------------------------|-------------------------|---------------------------|------------|--------------------------|---------------|
|                                      | Scheduled carriers |              | Non-scheduled carriers |           | United States carriers |                         | Other Foreign carriers(3) |            |                          |               |
|                                      | Group I and II(1)  | Group III(1) | Group IV               | Total     |                        |                         |                           |            |                          |               |
| Number of carriers reporting ...     | 6                  | 14           | 45                     | 59        |                        | 65                      | 10                        | 9          | 84                       | ..            |
| Revenue transportation services:     |                    |              |                        |           |                        |                         |                           |            |                          |               |
| Unit toll:                           |                    |              |                        |           |                        |                         |                           |            |                          |               |
| Departures .....                     | 18,588             | 2,713        | 502                    | 3,215     |                        | 21,803                  | ..                        | ..         | ..                       | ..            |
| Hours flown .....                    | 23,793             | 2,895        | 285                    | 3,180     |                        | 26,973                  | 327                       | 1,192      | 28,492                   | 240,383       |
| Miles scheduled .....                | 6,007,784          | ...          | ...                    | ...       |                        | 6,007,784               | 79,838                    | 479,544    | 6,567,166                | 55,970,688    |
| Miles flown:                         |                    |              |                        |           |                        |                         |                           |            |                          |               |
| Scheduled .....                      | 6,158,245          | ...          | ...                    | ...       |                        | 6,158,245               | 79,289                    | 486,271    | 6,723,805                | 56,813,829(4) |
| Non-scheduled .....                  | 297,309            | 354,279      | 35,910                 | 390,189   |                        | 687,498                 | -                         | -          | 687,498                  | 5,535,086(4)  |
| Totals .....                         | 6,455,554          | 354,279      | 35,910                 | 390,189   |                        | 6,845,743               | 79,289                    | 486,271    | 7,411,303                | 62,348,915    |
| Passengers carried .....             | 481,422            | 11,855       | 2,441                  | 14,296    |                        | 495,718                 | 60,273                    | 34,126     | 590,117                  | 4,640,970     |
| Goods carried:                       |                    |              |                        |           |                        |                         |                           |            |                          |               |
| Cargo .....                          | 9,631,433          | 745,544      | 77,159                 | 822,703   |                        | 10,454,136              | 765,511                   | 1,650,343  | 13,049,594               | 102,528,784   |
| Excess baggage .....                 | 163,319            | 10,322       | 5,963                  | 16,285    |                        | 179,604                 | 124,482                   | 171,219    | 4,007,677                | 36,542,556    |
| Mail .....                           | 3,597,137          | 103,793      | 11,046                 | 114,839   |                        | 3,711,976               | 889,993                   | 1,821,562  | 17,057,271               | 139,071,340   |
| Totals .....                         | 13,391,889         | 859,659      | 94,168                 | 953,827   |                        | 14,345,716              | 2,531,206                 | 29,101,416 | 421,407,471              | 3,220,782,397 |
| Passenger-miles .....                | 387,333,234        | 2,310,926    | 130,689                | 2,441,615 |                        | 389,774,849             |                           |            |                          |               |
| Goods ton-miles:                     |                    |              |                        |           |                        |                         |                           |            |                          |               |
| Cargo .....                          | 5,720,971          | 189,379      | 9,443                  | 198,822   |                        | 5,919,793               | 18,158                    | 639,700    | 6,920,638                | 52,860,547    |
| Excess baggage .....                 | 338,342            | 4,386        | 259                    | 4,645     |                        | 342,987                 | 2,741                     | 70,693     | 1,587,053                | 14,201,413    |
| Mail .....                           | 1,479,957          | 33,009       | 653                    | 33,662    |                        | 1,513,619               | 20,899                    | 710,393    | 8,507,691                | 67,061,960    |
| Totals .....                         | 7,539,270          | 226,774      | 10,355                 | 237,129   |                        | 7,776,399               |                           |            |                          |               |
| Bulk:                                |                    |              |                        |           |                        |                         |                           |            |                          |               |
| Departures .....                     | 4,416              | 8,248        | 14,548                 | 22,796    |                        | 27,212                  | ..                        | ..         | ..                       | ..            |
| Hours flown .....                    | 5,796              | 10,941       | 12,005                 | 22,946    |                        | 28,742                  | 3                         | 123        | 28,868                   | 213,874       |
| Miles flown .....                    | 1,213,857          | 817,085      | 959,403                | 1,776,488 |                        | 2,990,345               | 888                       | 44,700     | 3,035,933                | 22,471,638    |
| Passengers carried .....             | 25,081             | 20,502       | 22,749                 | 43,251    |                        | 68,332                  | 382                       | 3,141      | 71,855                   | 510,535       |
| Freight carried .....                | 2,137,301          | 4,579,154    | 3,260,580              | 7,839,734 |                        | 9,977,035               | ..                        | ..         | 9,977,035                | 84,447,327    |
| Passenger-miles(6) .....             | 61,086,169         | 2,967,105    | 387,830                | 3,354,935 |                        | 64,441,104              | ..                        | ..         | ..                       | ..            |
| Goods ton-miles(6) .....             | 510,883            | 426,921      | 942,076                | 1,368,997 |                        | 1,879,880               | -                         | -          | 1,879,880                | ..            |
| Revenue non-transportation services: |                    |              |                        |           |                        |                         |                           |            |                          |               |
| Specialty flying - Hours flown "     | 114                | 1,753        | 6,534                  | 8,287     |                        | 8,401                   | -                         | -          | 8,401                    | 71,184        |

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

September 1964

|   | Canadian carriers                           |                        |           |           |                        | Total Canadian carriers | Foreign carriers(2)       |    | Grand total all carriers | Year to date |
|---|---|------------------------|-----------|-----------|------------------------|-------------------------|---------------------------|----|--------------------------|--------------|
|   | Scheduled carriers<br>Groups I<br>and II(1) | Non-scheduled carriers |           |           | United States carriers |                         | Other Foreign carriers(3) |    |                          |              |
|   |   | Group III(1)           | Group IV  | Total     |                        |                         |                           |    |                          |              |
|   |   |                        |           |           |                        |                         |                           |    |                          |              |
| Total - All services:   |   |                        |           |           |                        |                         |                           |    |                          |              |
| Revenue:  |   |                        |           |           |                        |                         |                           |    |                          |              |
| Traffic, miles and hours:(7)  |   |                        |           |           |                        |                         |                           |    |                          |              |
| Departures .....  | No.   | 23,004                 | 10,961    | 15,050    | 26,011                 | 49,015                  | ..                        | .. | 65,761                   | ..           |
| Hours flown .....   | "   | 29,703                 | 15,589    | 18,824    | 34,413                 | 64,116                  | 330                       | .. | 10,447,236               | 524,441      |
| Miles flown .....   | "   | 7,669,411              | 1,171,364 | 995,313   | 2,166,677              | 9,836,088               | 80,177                    | .. | 530,971                  | 84,820,553   |
| Passengers carried .....  | "   | 506,503                | 32,357    | 25,190    | 57,547                 | 564,050                 | 60,655                    | .. | 37,267                   | 5,151,505    |
| Cargo carried .....   | lb.   | 11,768,739             | 5,324,698 | 3,337,739 | 8,662,437              | 20,431,171              | 765,511(8)                | .. | 1,650,343(8)             | 185,822,128  |
| Goods carried .....   | "   | 15,529,190             | 5,438,813 | 3,534,748 | 8,993,561              | 24,322,751              | 889,993                   | .. | 1,821,562                | 223,518,667  |
| Passenger-miles(6) .....  | No.   | 448,419,403            | 5,278,031 | 518,519   | 5,796,550              | 454,215,953             | ..                        | .. | 27,034,306               | ..           |
| Goods ton-miles(6) .....  | "   | 8,050,153              | 653,695   | 952,431   | 1,606,126              | 9,656,279               | 20,899                    | .. | 710,393                  | ..           |
| Non-revenue:  |   |                        |           |           |                        |                         |                           |    |                          |              |
| Hours flown .....   | "   | 661                    | 477       | 424       | 901                    | 1,562                   | 1                         | .. | ..                       | 15,172       |
| Passengers carried .....  | "   | 3,598                  | 220       | 26        | 246                    | 3,844                   | 944                       | .. | 663                      | ..           |
| Goods carried .....   | lb.   | 241,420                | 84,242    | 1,300     | 85,542                 | 326,962                 | 14,915                    | .. | 84,629                   | ..           |
| Passenger-miles .....   | No.   | 19,795,332             | 180,281   | 656       | 180,937                | 19,976,269              | 40,414                    | .. | 366,251                  | ..           |
| Goods ton-miles .....   | "   | 654,491                | 48,627    | -         | 48,627                 | 703,118                 | 320                       | .. | 24,970                   | ..           |
| Fuel and oil consumed:  |   |                        |           |           |                        |                         |                           |    |                          |              |
| Turbo fuel - Quantity .....   | gal.  | 18,378,909             | -         | 29,836    | 29,836                 | 18,408,745              | 106,495                   | .. | 2,944,527                | 172,498,001  |
| Cost .....  | \$  | 2,570,721              | -         | 6,337     | 6,337                  | 2,577,058               | 18,127                    | .. | 436,122                  | 30,031,307   |
| Gasoline - Quantity .....   | gal.  | 1,221,804              | 605,678   | 311,224   | 916,902                | 2,138,706               | 13,821                    | .. | 74,751                   | 24,688,718   |
| Cost .....  | \$  | 411,277                | 210,081   | 138,509   | 348,590                | 759,867                 | 4,173                     | .. | 13,278                   | 6,778,849    |
| Turbo oil - Quantity .....  | gal.  | 4,659                  | -         | 3         | 3                      | 4,662                   | 18                        | .. | 110                      | 34,715       |
| Cost .....  | \$  | 47,640                 | -         | 45        | 45                     | 47,685                  | 107                       | .. | 771                      | 48,563       |
| Other oil - Quantity .....  | gal.  | 14,664                 | 7,190     | 4,479     | 11,669                 | 26,333                  | 125                       | .. | 140                      | 338,370      |
| Cost .....  | \$  | 15,176                 | 8,849     | 6,086     | 14,935                 | 30,111                  | 67                        | .. | 130                      | 230,472      |
| Average number of employees:  |   |                        |           |           |                        |                         |                           |    |                          |              |
| Pilots and co-pilots .....  | No.   | 1,039                  | 300       | 287       | 587                    | 1,626                   | ..                        | .. | ..                       | ..           |
| Other flight personnel .....  | "   | 1,101                  | 25        | 17        | 42                     | 1,143                   | ..                        | .. | ..                       | ..           |
| General management .....  | "   | 310                    | 82        | 80        | 162                    | 472                     | ..                        | .. | ..                       | ..           |
| Maintenance labour .....  | "   | 3,629                  | 316       | 203       | 519                    | 4,148                   | ..                        | .. | ..                       | ..           |
| Aircraft & traffic servicing .....  | "   | 5,153                  | 122       | 53        | 175                    | 5,328                   | ..                        | .. | ..                       | ..           |
| Other personnel .....   | "   | 4,597                  | 185       | 90        | 275                    | 4,872                   | ..                        | .. | ..                       | ..           |
| Totals .....  | "   | 15,829                 | 1,030     | 730       | 1,760                  | 17,589                  | 242                       | .. | 662                      | 18,427       |
| Salaries and wages paid:  |   |                        |           |           |                        |                         |                           |    |                          |              |
| Pilots and co-pilots .....  | \$  | 1,298,490              | 254,093   | 185,327   | 439,420                | 1,737,910               | ..                        | .. | ..                       | ..           |
| Other flight personnel .....  | "   | 535,193                | 15,224    | 5,672     | 20,896                 | 556,089                 | ..                        | .. | ..                       | ..           |
| General management .....  | "   | 277,080                | 55,111    | 56,315    | 111,426                | 388,506                 | ..                        | .. | ..                       | ..           |
| Maintenance labour .....  | "   | 1,881,918              | 143,124   | 96,965    | 240,089                | 2,122,007               | ..                        | .. | ..                       | ..           |
| Aircraft & traffic servicing .....  | "   | 2,566,018              | 45,509    | 14,246    | 59,755                 | 2,625,773               | ..                        | .. | ..                       | ..           |
| Other personnel .....   | "   | 2,298,879              | 63,951    | 28,109    | 92,060                 | 2,390,939               | ..                        | .. | ..                       | ..           |
| Totals .....  | "   | 8,857,578              | 577,012   | 386,634   | 963,646                | 9,821,224               | 127,761                   | .. | 327,748                  | 89,961,333   |
| (1) Group II non-scheduled carriers included with Group III for purposes of this report.  |   |                        |           |           |                        |                         |                           |    |                          |              |
| (2) See "Foreign Carriers", page 7, last paragraph.   |   |                        |           |           |                        |                         |                           |    |                          |              |
| (3) Includes fifth freedom traffic between United States and Canada.  |   |                        |           |           |                        |                         |                           |    |                          |              |
| (4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes. |   |                        |           |           |                        |                         |                           |    |                          |              |
| (5) Excludes Trans-Canada Air Lines   |   |                        |           |           |                        |                         |                           |    |                          |              |
| (6) Excludes chartered aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.                                     |   |                        |           |           |                        |                         |                           |    |                          |              |
| (7) These data exclude non-transportation services, except for hours flown.   |   |                        |           |           |                        |                         |                           |    |                          |              |
| (8) Includes excess baggage.  |   |                        |           |           |                        |                         |                           |    |                          |              |
| (9) Data in Tables 4, 5, 6, 7, 8 and 9 included in this table.  |   |                        |           |           |                        |                         |                           |    |                          |              |

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

(2) See "Foreign Carriers", page 7, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Trans-Canada Air Lines

(6) Excludes chartered aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(7) These data exclude non-transportation services, except for hours flown.

(8) Includes excess baggage.

(9) Data in Tables 4, 5, 6, 7, 8 and 9 included in this table.

TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group  
September 1964

|                                       | Scheduled carriers |             |            | Non-scheduled carriers |           |           | Grand total | Year to date |
|---------------------------------------|--------------------|-------------|------------|------------------------|-----------|-----------|-------------|--------------|
|                                       | Group I            | Group II(1) | Total      | Group III(1)           | Group IV  | Total     |             |              |
|                                       | dollars            |             |            |                        |           |           |             |              |
| Operating revenues:                   |                    |             |            |                        |           |           |             |              |
| Unit toll transportation:             |                    |             |            |                        |           |           |             |              |
| Passengers .....                      | 22,254,471         | 1,067,942   | 23,322,413 | 311,625                | 26,766    | 338,391   | 23,660,804  | 183,716,450  |
| Express .....                         | 437,079            | 19,248      | 456,327    | 11,030                 | 2,475     | 13,505    | 469,832     | 3,320,804    |
| Freight .....                         | 1,278,008          | 212,676     | 1,490,684  | 109,147                | 4,411     | 113,558   | 1,604,242   | 12,703,793   |
| Excess baggage .....                  | 146,721            | 22,280      | 169,001    | 7,802                  | 433       | 8,235     | 177,236     | 1,278,169    |
| Mail .....                            | 1,174,102          | 111,906     | 1,286,008  | 42,472                 | 1,041     | 43,513    | 1,329,521   | 12,302,093   |
| Total unit toll transportation ..     | 25,290,381         | 1,434,032   | 26,724,413 | 482,076                | 35,126    | 517,202   | 27,241,635  | 213,321,309  |
| Bulk transportation .....             | 1,763,787          | 836,977     | 2,600,764  | 1,240,598              | 953,463   | 2,194,061 | 4,794,825   | 34,157,718   |
| Total transportation .....            | 27,054,168         | 2,271,029   | 29,325,197 | 1,722,674              | 988,589   | 2,711,263 | 32,036,460  | 247,479,027  |
| Other flying services .....           | 3,765              | 18,655      | 22,420     | 221,298                | 267,519   | 488,817   | 511,237     | 4,732,345    |
| Total flying services .....           | 27,057,933         | 2,289,684   | 29,347,617 | 1,943,972              | 1,256,108 | 3,200,080 | 32,547,697  | 252,211,372  |
| Non-flying services .....             | 128,499            | 29,924      | 158,423    | 80,621                 | 100,283   | 180,904   | 339,327     | 2,826,100    |
| Total operating revenues .....        | 27,186,432         | 2,319,608   | 29,506,040 | 2,024,593              | 1,356,391 | 3,380,984 | 32,887,024  | 255,037,472  |
| Operating expenses:                   |                    |             |            |                        |           |           |             |              |
| Flying operations .....               | 5,732,362          | 814,221     | 6,546,583  | 686,252                | 510,160   | 1,196,412 | 7,742,995   | 64,473,998   |
| Maintenance .....                     | 4,517,211          | 587,116     | 5,104,327  | 540,268                | 236,596   | 776,864   | 5,881,191   | 50,762,254   |
| General services and administration:  |                    |             |            |                        |           |           |             |              |
| Passenger service .....               | 1,934,623          | 89,081      | 2,023,704  | ..                     | ..        | ..        | ..          | ..           |
| Aircraft and traffic servicing ..     | 3,297,663          | 235,133     | 3,531,796  | ..                     | ..        | ..        | ..          | ..           |
| Promotion and sales .....             | 3,790,097          | 117,870     | 3,907,967  | ..                     | ..        | ..        | ..          | ..           |
| General administration .....          | 889,077            | 117,762     | 1,006,839  | ..                     | ..        | ..        | ..          | ..           |
| Totals .....                          | 9,911,460          | 538,846     | 10,450,306 | 293,116                | 171,110   | 464,226   | 10,934,532  | 93,076,021   |
| Depreciation and amortization .....   | 2,356,710          | 132,401     | 2,489,111  | 154,652                | 100,316   | 254,968   | 2,744,079   | 24,424,350   |
| Total operating expenses .....        | 22,517,743         | 2,092,584   | 24,610,327 | 1,674,288              | 1,018,182 | 2,692,470 | 27,302,797  | 232,736,623  |
| Operating income (loss) .....         | 4,668,689          | 227,024     | 4,895,713  | 350,305                | 338,209   | 688,514   | 5,584,227   | 22,300,849   |
| Non-operating income - Net:           |                    |             |            |                        |           |           |             |              |
| Capital gains and losses .....        | 6,159              | 1,916       | 4,243      | 6,429                  | 12,193    | 5,764     | 1,521       | 736,306      |
| Interest and discounts .....          | 226,370            | 150         | 226,520    | 5,821                  | 3,178     | 2,643     | 223,877     | 1,547,265    |
| Miscellaneous non-operating income .. | 25,778             | 1,207       | 26,985     | 7,581                  | 231       | 7,350     | 34,335      | 13,470       |
| Income before interest expense .....  | 4,863,122          | 227,883     | 5,091,005  | 330,474                | 353,811   | 684,285   | 5,775,290   | 24,570,950   |
| Interest expense .....                | 944,062            | 58,739      | 1,002,801  | 26,418                 | 15,610    | 42,028    | 1,044,829   | 9,668,594    |
| Income before income taxes .....      | 3,919,060          | 169,144     | 4,088,204  | 304,056                | 338,201   | 642,257   | 4,730,461   | 14,902,356   |
| Provision for income taxes .....      | -                  | -           | -          | 20,600                 | 44,420    | 65,020    | 65,020      | 332,060      |
| Net income after income taxes .....   | 3,919,060          | 169,144     | 4,088,204  | 283,456                | 293,781   | 577,237   | 4,665,441   | 14,570,296   |

(1) Group II non-scheduled carriers included with Group III for purposes of this report.  
(2) Data in Tables 3, 8 and 10 included in this table.



TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

September 1964

|                                       | Canadian<br>Pacific<br>Air Lines | Eastern<br>Provincial<br>Airways<br>(1963) | Pacific<br>Western<br>Airlines | Quebecair<br>Inc. | Transair<br>Ltd. | Trans-<br>Canada<br>Air Lines | Total      | Year<br>to<br>date |
|---------------------------------------|----------------------------------|--|--------------------------------|-------------------|------------------|-------------------------------|------------|--------------------|
| dollars                               |                                  |  |                                |                   |                  |                               |            |                    |
| Operating revenues:                   |                                  |  |                                |                   |                  |                               |            |                    |
| Unit toll transportation:             |                                  |  |                                |                   |                  |                               |            |                    |
| Passengers .....                      | 4,557,214                        | 215,933                                    | 390,108                        | 292,448           | 169,453          | 17,697,257                    | 23,322,413 | 181,300,971        |
| Express .....                         | 16,933                           | 2,390                                      | 13,803                         | -                 | 3,055            | 420,146                       | 456,327    | 3,227,628          |
| Freight .....                         | 344,480                          | 60,933                                     | 82,862                         | 40,596            | 28,265           | 933,528                       | 1,490,684  | 11,765,515         |
| Excess baggage .....                  | 47,250                           | 2,922                                      | 9,894                          | 7,436             | 2,028            | 99,471                        | 169,001    | 1,226,744          |
| Mail .....                            | 235,699                          | 306,772                                    | 57,842                         | 7,023             | 22,467           | 938,403                       | 1,286,008  | 11,847,999         |
| Total unit toll transportation ..     | 5,201,576                        | 24,574                                     | 554,509                        | 347,503           | 225,268          | 20,088,805                    | 26,724,433 | 209,368,857        |
| Bulk transportation .....             | 629,484                          | 220,668                                    | 345,293                        | 5,901             | 265,115          | 1,134,303                     | 2,600,764  | 16,546,461         |
| Total transportation .....            | 5,831,060                        | 527,440                                    | 899,802                        | 353,404           | 490,383          | 21,223,108                    | 29,325,197 | 225,915,318        |
| Other flying services .....           | -                                | 18,655                                     | -                              | -                 | -                | 3,765                         | 22,420     | 270,454            |
| Total flying services .....           | 5,831,060                        | 546,095                                    | 899,802                        | 353,404           | 490,383          | 21,226,873                    | 29,347,617 | 226,185,772        |
| Non-flying services .....             | 73,886                           | 4,768                                      | 8,602                          | 8,156             | 8,398            | 54,613                        | 158,423    | 1,464,289          |
| Total operating revenues .....        | 5,904,946                        | 550,863                                    | 908,404                        | 361,560           | 498,781          | 21,281,486                    | 29,506,040 | 227,650,061        |
| Operating expenses:                   |                                  |  |                                |                   |                  |                               |            |                    |
| Flying operations .....               | 1,743,609                        | 111,458                                    | 432,252                        | 87,658            | 182,853          | 3,988,753                     | 6,546,583  | 54,533,016         |
| Maintenance .....                     | 676,350                          | 176,713                                    | 188,513                        | 83,228            | 138,662          | 3,840,861                     | 5,104,327  | 44,214,354         |
| General services and administrations: |                                  |  |                                |                   |                  |                               |            |                    |
| Passenger service .....               | 429,199                          | 18,960                                     | 44,425                         | 10,856            | 14,840           | 1,505,424                     | 2,023,704  | 16,120,141         |
| Aircraft and traffic servicing .....  | 561,967                          | 81,312                                     | 106,420                        | 28,422            | 17,979           | 2,735,696                     | 3,531,796  | 30,578,228         |
| Promotion and sales .....             | 980,293                          | 1,767                                      | 30,303                         | 54,220            | 35,114           | 2,809,804                     | 3,907,967  | 33,465,015         |
| General administration .....          | 164,374                          | 34,966                                     | 40,429                         | 25,411            | 16,956           | 724,703                       | 1,006,839  | 8,996,199          |
| Totals .....                          | 2,135,833                        | 133,471                                    | 221,577                        | 118,909           | 84,889           | 7,775,627                     | 10,470,306 | 89,159,583         |
| Depreciation and amortization .....   | 172,121                          | 53,831                                     | 28,800                         | 32,499            | 17,271           | 2,184,589                     | 2,489,111  | 22,291,520         |
| Total operating expenses .....        | 4,727,913                        | 475,473                                    | 871,142                        | 322,294           | 423,675          | 17,789,830                    | 24,610,327 | 210,198,473        |
| Operating income (loss) .....         | 1,177,033                        | 75,390                                     | 37,262                         | 39,266            | 75,106           | 3,491,656                     | 4,895,713  | 17,451,588         |
| Non-operating income - Net:           |                                  |  |                                |                   |                  |                               |            |                    |
| Capital gains and losses .....        | -                                | -  | 1,916                          | -                 | -                | 6,159                         | 4,243      | 481,314            |
| Interest and discounts .....          | 86,346                           | 2  | 696                            | -                 | 148              | 140,024                       | 226,520    | 1,517,416          |
| Miscellaneous non-operating income .. | 24,005                           | 64   | -                              | 1,183             | 784              | 1,773                         | 26,985     | 29,389             |
| Income before interest expense .....  | 1,239,374                        | 75,456                                     | 39,874                         | 38,083            | 74,470           | 3,623,748                     | 5,091,005  | 19,479,707         |
| Interest expense .....                | -                                | 29,805                                     | 9,575                          | 13,245            | 6,114            | 944,062                       | 1,002,801  | 9,142,801          |
| Income before income taxes .....      | 1,239,374                        | 45,651                                     | 30,299                         | 24,838            | 68,356           | 2,679,686                     | 4,088,204  | 10,336,906         |
| Provision for income taxes .....      | -                                | -  | -                              | -                 | -                | -                             | -          | -                  |
| Net income after income taxes .....   | 1,239,374                        | 45,651                                     | 30,299                         | 24,838            | 68,356           | 2,679,686                     | 4,088,204  | 10,336,906         |



TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company  
September 1964

|   | Group I carriers           |                        |             | Group II carriers                 |                              |                    |                   |            | Grand total |
|---|----------------------------|------------------------|-------------|-----------------------------------|------------------------------|--------------------|-------------------|------------|-------------|
|   | Canadian Pacific Air Lines | Trans-Canada Air Lines | Total       | Eastern Provincial Airways (1963) | Pacific Western Airlines (1) | Quebecair Inc. (1) | Transair Ltd. (1) | Total (1)  |             |
| Revenue transportation services:                      |                            |                        |             |                                   |                              |                    |                   |            |             |
| Unit toll:  |                            |                        |             |                                   |                              |                    |                   |            |             |
| Departures .....                                      | 1,752                      | 11,886                 | 13,638      | 1,015                             | 1,636                        | 1,245              | 1,054             | 4,950      | 18,588      |
| Hours flown .....                                     | 3,122                      | 15,822                 | 18,944      | 878                               | 1,742                        | 1,038              | 1,191             | 4,849      | 23,793      |
| Miles scheduled .....                                 | 1,058,360                  | 4,453,448              | 5,511,808   | 66,706                            | 212,633                      | 123,391            | 93,246            | 495,976    | 6,007,784   |
| Miles flown:  |                            |                        |             |                                   |                              |                    |                   |            |             |
| Scheduled - Regular .....                             | 1,053,683                  | 4,428,477              | 5,482,160   | 65,327                            | 208,540                      | 111,711            | 87,074            | 472,652    | 5,954,812   |
| Extra section .....                                   | 5,443                      | 175,976                | 181,419     | 1,367                             | 9,972                        | 1,267              | 9,408             | 22,014     | 203,433     |
| Non-scheduled .....                                   | 41,484                     | -                      | 41,484      | 81,560                            | 46,068                       | 63,680             | 64,517            | 255,825    | 297,309     |
| Totals .....  | 1,100,610                  | 4,604,453              | 5,705,063   | 148,254                           | 264,580                      | 176,658            | 160,999           | 750,491    | 6,455,554   |
| Ratio of regular miles flown to miles scheduled ..... | 99.5                       | 99.4                   | 99.5        | 97.9                              | 98.1                         | 90.5               | 93.4              | 95.3       | 99.1        |
| Passengers carried .....                              | 46,847                     | 391,199                | 438,046     | 9,546                             | 17,542                       | 10,459             | 5,829             | 43,376     | 481,422     |
| Goods carried:  |                            |                        |             |                                   |                              |                    |                   |            |             |
| Freight .....   | 845,963                    | 5,782,010              | 6,627,973   | 557,824                           | 672,710                      | 184,272            | 154,518           | 1,569,324  | 8,197,297   |
| Express .....   | 86,481                     | 1,274,509              | 1,360,990   | 14,654                            | 47,617                       | -                  | 10,875            | 73,146     | 1,434,136   |
| Excess baggage .....                                  | 66,695                     | 2,977,055              | 3,043,750   | 16,733                            | 32,271                       | 37,246             | 10,374            | 96,624     | 163,319     |
| Mail .....  | 220,887                    | 10,033,574             | 11,253,600  | 122,263                           | 158,415                      | 36,050             | 82,467            | 399,195    | 3,597,137   |
| Totals .....  | 1,220,026                  | 10,033,574             | 11,253,600  | 711,474                           | 911,013                      | 257,568            | 258,234           | 2,138,289  | 13,391,889  |
| Passenger-miles:                                      |                            |                        |             |                                   |                              |                    |                   |            |             |
| Scheduled .....                                       | 77,412,313                 | 296,419,975            | 373,832,288 | 871,810                           | 4,305,767                    | 2,154,473          | 1,579,286         | 8,911,336  | 382,743,624 |
| Non-scheduled .....                                   | 1,418,508                  | -                      | 1,418,508   | 1,504,186                         | 198,830                      | 1,157,892          | 310,194           | 3,171,102  | 4,589,610   |
| Totals .....  | 78,830,821                 | 296,419,975            | 375,250,796 | 2,375,996                         | 4,504,597                    | 3,312,365          | 1,889,480         | 12,082,438 | 387,333,234 |
| Available seat-miles on scheduled services .....      | 128,768,137                | 437,500,509            | 566,268,646 | 1,837,947                         | 10,671,028                   | 3,738,248          | 3,327,265         | 19,574,488 | 585,843,134 |
| Passenger load factor on scheduled services .....     | 60.1                       | 67.8                   | 66.0        | 47.4                              | 40.4                         | 57.6               | 47.5              | 45.5       | 65.3        |
| Goods ton-miles:                                      |                            |                        |             |                                   |                              |                    |                   |            |             |
| Freight - Scheduled .....                             | 1,192,702                  | 3,674,721              | 4,867,423   | 124,513                           | 155,524                      | 21,565             | 10,924            | 312,526    | 5,179,949   |
| Non-scheduled .....                                   | 2,607                      | -                      | 2,607       | 10,304                            | 3,848                        | 13,474             | 16,061            | 43,687     | 46,294      |
| Totals .....  | 1,195,309                  | 3,674,721              | 4,870,030   | 134,817                           | 159,372                      | 35,039             | 26,985            | 356,213    | 5,226,243   |
| Express - Scheduled .....                             | 21,709                     | 456,684                | 478,393     | 953                               | 10,192                       | -                  | 2,154             | 13,299     | 491,692     |
| Non-scheduled .....                                   | 1,210                      | -                      | 1,210       | 1,459                             | -                            | -                  | 3,367             | 1,826      | 3,036       |
| Totals .....  | 22,919                     | 456,684                | 479,603     | 2,412                             | 10,192                       | -                  | 2,521             | 15,125     | 494,728     |

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Continued

September 1964

|  | Group I carriers           |                        |             | Group II carriers                 |                              |                    |                   | Grand total |
|--|----------------------------|------------------------|-------------|-----------------------------------|------------------------------|--------------------|-------------------|-------------|
|  | Canadian Pacific Air Lines | Trans-Canada Air Lines | Total       | Eastern Provincial Airways (1963) | Pacific Western Airlines (1) | Quebecair Inc. (1) | Transair Ltd. (1) |             |
| Revenue transportation services - Concluded:       |                            |                        |             |                                   |                              |                    |                   |             |
| Unit toll - Concluded:                             |                            |                        |             |                                   |                              |                    |                   |             |
| Goods ton-miles - Concluded:                       |                            |                        |             |                                   |                              |                    |                   |             |
| Excess baggage - Scheduled .....                   | 78,366                     | 241,746                | 320,112     | 1,342                             | 4,957                        | 4,044              | 1,723             | 332,178     |
| Non-scheduled .....                                | 177                        | -                      | 177         | 1,745                             | 182                          | 3,697              | 363               | 6,164       |
| Totals .....                                       | 78,543                     | 241,746                | 320,289     | 3,087                             | 5,139                        | 7,741              | 2,086             | 338,342     |
| Mail - Scheduled .....                             | 184,477                    | 1,202,986              | 1,387,463   | 13,038                            | 50,892                       | 3,267              | 5,014             | 1,459,674   |
| Non-scheduled .....                                | 4,118                      | -                      | 4,118       | 7,916                             | 678                          | 1,367              | 6,004             | 20,283      |
| Totals .....                                       | 188,595                    | 1,202,986              | 1,391,581   | 20,954                            | 51,570                       | 4,634              | 11,018            | 1,479,957   |
| Total - Scheduled .....                            | 1,477,254                  | 5,576,137              | 7,053,391   | 139,846                           | 221,565                      | 28,876             | 19,815            | 7,463,493   |
| Non-scheduled .....                                | 8,112                      | -                      | 8,112       | 21,424                            | 4,708                        | 18,738             | 22,795            | 75,777      |
| Totals .....                                       | 1,485,366                  | 5,576,137              | 7,061,503   | 161,270                           | 226,273                      | 47,614             | 42,610            | 7,539,270   |
| Available ton-miles on scheduled services .....    | 16,558,383                 | 62,322,964             | 78,881,347  | 421,180                           | 1,292,513                    | 368,988            | 368,198           | 81,332,226  |
| Weight load factor on scheduled services (3) ..... | 55.7                       | 56.5                   | 56.3        | 58.8                              | 50.8                         | 71.3               | 54.5              | 56.3        |
| Bulk:  |                            |                        |             |                                   |                              |                    |                   |             |
| Departures .....                                   | 86                         | 224                    | 310         | 1,341                             | 2,286                        | 24                 | 455               | 4,416       |
| Hours flown .....                                  | 459                        | 803                    | 1,262       | 1,554                             | 2,037                        | 30                 | 913               | 5,796       |
| Miles flown .....                                  | 218,522                    | 367,493                | 586,015     | 140,902                           | 333,952                      | 2,268              | 150,720           | 1,213,857   |
| Passengers carried .....                           | 4,665                      | 10,425                 | 15,090      | 3,298                             | 5,203                        | 69                 | 1,421             | 25,081      |
| Freight carried .....                              | -                          | -                      | -           | 210,780                           | 920,570                      | 4,670              | 1,001,281         | 2,137,301   |
| Passenger-miles (4) .....                          | 18,036,851                 | 35,104,302             | 53,141,153  | 577,375                           | 5,908,487                    | 27,205             | 1,431,949         | 61,086,169  |
| Goods ton-miles (4) .....                          | -                          | -                      | -           | 17,961                            | 38,463                       | 336                | 454,123           | 510,883     |
| Revenue non-transportation services:               |                            |                        |             |                                   |                              |                    |                   |             |
| Specialty flying - Hours flown .....               | -                          | 18                     | 18          | 96                                | -                            | -                  | -                 | 114         |
| Total - All services:                              |                            |                        |             |                                   |                              |                    |                   |             |
| Traffic, hours and miles: (5)                      |                            |                        |             |                                   |                              |                    |                   |             |
| Revenue:   |                            |                        |             |                                   |                              |                    |                   |             |
| Departures .....                                   | 1,838                      | 12,110                 | 13,948      | 2,356                             | 3,922                        | 1,269              | 1,509             | 23,004      |
| Hours flown .....                                  | 3,581                      | 16,643                 | 20,224      | 2,528                             | 3,779                        | 1,068              | 2,104             | 29,703      |
| Miles flown .....                                  | 1,319,132                  | 4,971,946              | 6,291,078   | 289,156                           | 598,532                      | 178,926            | 311,719           | 7,669,411   |
| Passengers carried .....                           | 51,512                     | 401,624                | 453,136     | 42,844                            | 227,745                      | 10,528             | 7,250             | 506,503     |
| Cargo carried .....                                | 932,444                    | 7,056,519              | 7,988,963   | 783,258                           | 1,640,897                    | 188,942            | 1,166,674         | 3,779,771   |
| Goods carried .....                                | 1,220,026                  | 10,033,574             | 11,253,600  | 922,254                           | 1,831,583                    | 262,238            | 1,259,515         | 11,768,734  |
| Passenger-miles (4) .....                          | 96,867,672                 | 331,524,277            | 428,391,949 | 2,953,371                         | 10,413,084                   | 3,339,570          | 3,321,429         | 15,529,190  |
| Goods ton-miles (4) .....                          | 1,485,366                  | 5,576,137              | 7,061,503   | 179,231                           | 264,736                      | 47,950             | 496,733           | 448,419,403 |
|  |                            |                        |             |                                   |                              |                    | 988,650           | 8,050,153   |

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

September 1964

|   | Group I carriers           |                        |            |                                   | Group II carriers            |                    |                   |           | Grand total |
|---|----------------------------|------------------------|------------|-----------------------------------|------------------------------|--------------------|-------------------|-----------|-------------|
|   | Canadian Pacific Air Lines | Trans-Canada Air Lines | Total      | Eastern Provincial Airways (1963) | Pacific Western Airlines (1) | Quebecair Inc. (1) | Transair Ltd. (1) | Total (1) |             |
| Total - All services - Concluded:         |                            |                        |            |                                   |                              |                    |                   |           |             |
| Traffic, hours and miles - Concluded: (5) |                            |                        |            |                                   |                              |                    |                   |           |             |
| Non-revenue:                              |                            |                        |            |                                   |                              |                    |                   |           |             |
| Hours flown .....                         | 44                         | 159                    | 203        | 91                                | 294                          | 28                 | 45                | 458       | 661         |
| Passengers carried .....                  | 2,540                      | ..                     | 2,540      | 530                               | 243                          | 195                | 90                | 1,058     | 3,598       |
| Goods carried .....                       | 154,538                    | ..                     | 154,538    | 7,216                             | 64,879                       | -                  | 14,787            | 86,882    | 241,420     |
| Passenger-miles .....                     | 5,434,779                  | 14,053,755             | 19,488,534 | 143,323                           | 54,950                       | 55,514             | 53,011            | 306,798   | 19,795,332  |
| Goods ton-miles .....                     | 205,190                    | 417,323                | 622,513    | 1,584                             | 26,024                       | -                  | 4,370             | 31,978    | 654,491     |
| Fuel and oil consumed:                    |                            |                        |            |                                   |                              |                    |                   |           |             |
| Turbo fuel - Quantity .....               | 3,854,837                  | 14,185,584             | 18,040,421 | 137,840                           | -                            | 142,348            | 58,300            | 338,488   | 18,378,909  |
| Cost .....                                | 638,965                    | 1,860,605              | 2,498,570  | 28,946                            | -                            | 29,893             | 13,312            | 72,151    | 2,570,721   |
| Gasoline - Quantity .....                 | 409,954                    | -                      | 409,954    | 120,912                           | 454,368                      | 32,455             | 204,115           | 811,850   | 1,221,804   |
| Cost .....                                | 116,586                    | -                      | 116,586    | 40,567                            | 166,307                      | 10,710             | 77,107            | 294,691   | 411,277     |
| Turbo oil - Quantity .....                | 312                        | 3,818                  | 4,130      | 69                                | -                            | 456                | 4                 | 529       | 4,659       |
| Cost .....                                | 4,456                      | 40,518                 | 44,974     | 1,035                             | -                            | 1,595              | 36                | 2,666     | 47,640      |
| Other oil - Quantity .....                | 3,976                      | -                      | 3,976      | 2,033                             | 5,755                        | 673                | 2,227             | 10,688    | 14,664      |
| Cost .....                                | 2,460                      | -                      | 2,460      | 2,541                             | 7,194                        | 539                | 2,442             | 12,716    | 15,176      |
| Average number of employees:              |                            |                        |            |                                   |                              |                    |                   |           |             |
| Pilots and co-pilots .....                | 191                        | 613                    | 804        | 60                                | 85                           | 28                 | 62                | 235       | 1,039       |
| Other flight personnel .....              | 240                        | 773                    | 1,013      | 9                                 | 45                           | 13                 | 21                | 88        | 1,101       |
| General management .....                  | 116                        | 66                     | 182        | 8                                 | 52                           | 49                 | 19                | 128       | 310         |
| Maintenance labour .....                  | 531                        | 2,531                  | 3,062      | 204                               | 183                          | 71                 | 109               | 567       | 3,629       |
| Aircraft and traffic servicing .....      | 873                        | 3,902                  | 4,775      | 91                                | 105                          | 122                | 60                | 378       | 5,153       |
| Other personnel .....                     | 664                        | 3,822                  | 4,486      | 45                                | 17                           | 8                  | 41                | 111       | 4,597       |
| Total employees .....                     | 2,615                      | 11,707                 | 14,322     | 417                               | 487                          | 291                | 312               | 1,507     | 15,829      |
| Salaries and wages:                       |                            |                        |            |                                   |                              |                    |                   |           |             |
| Pilots and co-pilots .....                | 253,784                    | 828,778                | 1,082,562  | 56,060                            | 84,257                       | 23,783             | 51,828            | 215,928   | 1,298,490   |
| Other flight personnel .....              | 124,877                    | 370,338                | 495,215    | 3,184                             | 26,428                       | 3,827              | 6,539             | 39,978    | 535,193     |
| General management .....                  | 100,805                    | 111,181                | 211,986    | 8,116                             | 23,773                       | 20,611             | 12,594            | 65,080    | 277,084     |
| Maintenance labour .....                  | 250,303                    | 1,376,113              | 1,626,416  | 88,312                            | 90,846                       | 34,476             | 41,868            | 255,502   | 1,881,918   |
| Aircraft and traffic servicing .....      | 376,386                    | 2,023,488              | 2,399,874  | 32,891                            | 66,521                       | 41,379             | 25,353            | 166,144   | 2,566,018   |
| Other personnel .....                     | 268,079                    | 1,994,729              | 2,262,808  | 16,923                            | 4,800                        | 4,340              | 10,208            | 36,071    | 2,298,879   |
| Total salaries and wages .....            | 1,374,234                  | 6,704,627              | 8,078,861  | 205,486                           | 296,425                      | 128,416            | 148,390           | 778,717   | 8,857,578   |

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Excludes Trans-Canada Air Lines

(3) Standard passenger weight used: 200 pounds.

(4) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(5) These data exclude non-transportation services, except for hours flown.

TABLE 5. Revenue Interline Traffic(1), Canadian Scheduled Carriers - All Services, by Company

September 1964

|                                | Canadian<br>Pacific<br>Air Lines | Eastern<br>Provincial<br>Airways<br>(1963) | Pacific<br>Western<br>Airlines | Quebecair<br>Inc. | Transair<br>Ltd. | Trans-<br>Canada<br>Air Lines | Total      |
|--------------------------------|----------------------------------|--|--------------------------------|-------------------|------------------|-------------------------------|------------|
| <b>Passengers carried:</b>     |                                  |  |                                |                   |                  |                               |            |
| Originated .....               | 39,305                           | 6,780                                      | 15,509                         | 10,459            | 4,979            | 320,014                       | 397,046    |
| Domestic interline .....       | 2,933                            | 2,766                                      | -                              | -                 | -                | 71,185                        | 81,361     |
| Foreign interline .....        | 4,477                            | -  | -                              | -                 | -                | -                             | -          |
| Totals(2) .....                | 46,715                           | 9,546                                      | 15,509                         | 10,459            | 4,979            | 391,199                       | 478,407    |
| <b>Express carried:</b>        |                                  |  |                                |                   |                  |                               |            |
| Originated .....               | 86,481                           | 14,654                                     | 47,617                         | -                 | 10,875           | 1,274,509                     | 1,434,136  |
| Domestic interline .....       | -                                | -  | -                              | -                 | -                | -                             | -          |
| Foreign interline .....        | -                                | -  | -                              | -                 | -                | -                             | -          |
| Totals(2) .....                | 86,481                           | 14,654                                     | 47,617                         | -                 | 10,875           | 1,274,509                     | 1,434,136  |
| <b>Freight carried:</b>        |                                  |  |                                |                   |                  |                               |            |
| Originated .....               | 726,447                          | 557,824                                    | 629,630                        | 184,272           | 61,254           | 5,782,010                     | 7,941,437  |
| Domestic interline .....       | 16,780                           | -  | -                              | -                 | -                | -                             | 16,780     |
| Foreign interline .....        | 27,031                           | -  | -                              | -                 | -                | -                             | 27,031     |
| Totals(2) .....                | 770,258                          | 557,824                                    | 629,630                        | 184,272           | 61,254           | 5,782,010                     | 7,985,248  |
| <b>Excess baggage carried:</b> |                                  |  |                                |                   |                  |                               |            |
| Originated .....               | 66,695                           | 16,733                                     | 29,423                         | 37,246            | 8,332            | ..                            | 158,429(3) |
| Domestic interline .....       | -                                | -  | -                              | -                 | -                | ..                            | ..         |
| Foreign interline .....        | -                                | -  | -                              | -                 | -                | ..                            | ..         |
| Totals(2) .....                | 66,695                           | 16,733                                     | 29,423                         | 37,246            | 8,332            | ..                            | 158,429(3) |
| <b>Mail carried:</b>           |                                  |  |                                |                   |                  |                               |            |
| Originated .....               | 220,887                          | 122,263                                    | 147,628                        | 36,050            | 24,530           | 2,977,055                     | 3,528,413  |
| Domestic interline .....       | -                                | -  | -                              | -                 | -                | -                             | -          |
| Foreign interline .....        | -                                | -  | -                              | -                 | -                | -                             | -          |
| Totals(2) .....                | 220,887                          | 122,263                                    | 147,628                        | 36,050            | 24,530           | 2,977,055                     | 3,528,413  |

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Board.

(2) Excludes division interline.

(3) Excludes Trans-Canada Air Lines

TABLE 6. Operating Statistics, Canadian International Carriers - All Revenue Services, by area of Service

September 1964

|  | Trans-<br>Border<br>Services | Trans-<br>Atlantic<br>and Polar<br>Services | Southern<br>Services | Pacific<br>and<br>Orient<br>Services | Total<br>International<br>Services | Domestic<br>Services | Grand<br>total |
|--|------------------------------|---|----------------------|--------------------------------------|------------------------------------|----------------------|----------------|
| Unit toll:   |                              |   |                      |                                      |                                    |                      |                |
| Departures .....   | 1,905                        | 483   | 348                  | 97                                   | 2,833                              | 10,475               | 13,308         |
| Hours flown .....  | 2,738                        | 1,951                                       | 960                  | 570                                  | 6,219                              | 12,468               | 18,687         |
| Miles scheduled .....                                    | 615,563                      | 908,122                                     | 377,968              | 262,217                              | 2,163,870                          | 3,347,938            | 5,511,808      |
| Miles flown:   |                              |   |                      |                                      |                                    |                      |                |
| Scheduled - Regular .....                                | 613,671                      | 903,286                                     | 370,931              | 262,217                              | 2,150,105                          | 3,332,055            | 5,482,160      |
| Extra sections .....                                     | 35,059                       | 33,010                                      | 2,647                | -                                    | 70,716                             | 110,703              | 181,419        |
| Non-scheduled .....                                      | -                            | -   | -                    | -                                    | -                                  | -                    | -              |
| Totals .....   | 648,730                      | 936,296                                     | 373,578              | 262,217                              | 2,220,821                          | 3,442,758            | 5,663,579      |
| Ratio of regular miles flown to miles<br>scheduled ..... | 99.7                         | 99.5  | 98.1                 | 100.0                                | 99.4                               | 99.5                 | 99.5           |
| Passengers carried .....                                 | ...                          | ...   | ...                  | ...                                  | 151,473                            | 286,441              | 437,914        |
| Cargo carried .....                                      | ...                          | ...   | ...                  | ...                                  | 3,262,095                          | 4,651,163            | 7,913,258      |
| Mail carried .....                                       | ...                          | ...   | ...                  | ...                                  | 392,617                            | 2,805,325            | 3,197,942      |
| Passenger-miles .....                                    | 39,249,973                   | 82,702,993                                  | 21,740,640           | 19,825,095                           | 163,518,701                        | 210,313,587          | 373,832,288    |
| Available seat-miles on scheduled services               | 57,241,469                   | 122,782,331                                 | 46,383,353           | 33,759,617                           | 260,166,770                        | 306,101,876          | 566,268,646    |
| Passenger load factor on scheduled services              | 68.6                         | 67.4  | 46.9                 | 58.7                                 | 62.9                               | 68.7                 | 66.0           |
| Goods ton-miles:   |                              |   |                      |                                      |                                    |                      |                |
| Express .....  | 85,163                       | -   | -                    | -                                    | 85,163                             | 393,230              | 478,393        |
| Freight .....  | 325,085                      | 1,105,301                                   | 311,383              | 480,664                              | 2,222,433                          | 2,644,990            | 4,867,423      |
| Excess baggage .....                                     | 26,252                       | 52,031                                      | 34,121               | 32,476                               | 144,880                            | 175,232              | 320,112        |
| Mail .....   | 42,971                       | 166,464                                     | 53,559               | 84,850                               | 347,844                            | 1,039,619            | 1,387,463      |
| Totals .....   | 479,471                      | 1,323,796                                   | 399,063              | 597,990                              | 2,800,320                          | 4,253,071            | 7,053,391      |
| Available ton-miles on scheduled service ....            | 7,087,974                    | 18,391,459                                  | 5,778,331            | 4,396,038                            | 35,653,802                         | 43,227,545           | 78,881,347     |
| Weight load factor on scheduled services(1)              | 62.1                         | 52.2  | 44.5                 | 58.7                                 | 53.7                               | 58.5                 | 56.3           |
| Bulk:  |                              |   |                      |                                      |                                    |                      |                |
| Departures .....   | 136                          | 567   | 4                    | -                                    | 707                                | ...                  | ...            |
| Hours flown .....  | 217                          | 1,789                                       | 12                   | -                                    | 2,018                              | ...                  | ...            |
| Miles flown .....  | 48,484                       | 664,818                                     | 3,895                | -                                    | 717,197                            | ...                  | ...            |
| Passengers carried .....                                 | 846                          | 17,455                                      | 107                  | -                                    | 18,408                             | ...                  | ...            |
| Goods carried .....                                      | 420                          | 66,516                                      | -                    | -                                    | 66,936                             | ...                  | ...            |
| Passenger-miles(2) .....                                 | ...                          | ...   | ...                  | -                                    | 59,668,782                         | ...                  | ...            |
| Goods ton-miles(2) .....                                 | -                            | 4,046                                       | -                    | -                                    | 4,046                              | ...                  | ...            |
| Total:   |                              |   |                      |                                      |                                    |                      |                |
| Departures .....   | 2,041                        | 1,050                                       | 352                  | 97                                   | 3,540                              | ...                  | ...            |
| Hours flown .....  | 2,955                        | 3,740                                       | 972                  | 570                                  | 8,237                              | ...                  | ...            |
| Miles flown .....  | 697,214                      | 1,601,114                                   | 377,473              | 262,217                              | 2,938,018                          | ...                  | ...            |
| Passengers carried .....                                 | ...                          | ...   | ...                  | ...                                  | 169,881                            | ...                  | ...            |
| Goods carried .....                                      | ...                          | ...   | ...                  | ...                                  | 3,329,031                          | ...                  | ...            |
| Passenger-miles(2) .....                                 | ...                          | ...   | ...                  | -                                    | 223,187,483                        | ...                  | ...            |
| Goods ton-miles(2) .....                                 | 479,471                      | 1,327,842                                   | 399,063              | 597,990                              | 2,804,366                          | ...                  | ...            |

(1) Standard passenger weight used: 200 pounds.

(2) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.



TABLE 7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)

September 1964

|  | United States  |                 |                           | Europe         |                 |           |
|--|----------------|-----------------|---------------------------|----------------|-----------------|-----------|
|  | To             | From            | Total                     | To             | From            | Total     |
| Passengers carried:                          |                |                 |                           |                |                 |           |
| Unit toll ..... No.                          | 90,440         | 87,671          | 178,111                   | 23,381         | 30,303          | 53,684    |
| Bulk ..... "                                 | 479            | 528             | 1,007                     | 6,247          | 10,443          | 16,690    |
| Totals ..... "                               | 90,919         | 88,199          | 179,118                   | 29,628         | 40,746          | 70,374    |
| Freight, express and excess baggage carried: |                |                 |                           |                |                 |           |
| Unit toll ..... lb.                          | 568,893        | 2,478,474       | 3,047,367                 | 573,045        | 1,620,766       | 2,193,811 |
| Bulk ..... "                                 | -              | -               | -                         | -              | -               | -         |
| Totals ..... "                               | 568,893        | 2,478,474       | 3,047,367                 | 573,045        | 1,620,766       | 2,193,811 |
| Mail carried (unit toll) ..... "             | 131,248        | 237,176         | 368,424                   | 114,203        | 147,903         | 262,106   |
| All other areas                              |                |                 | Totals                    |                |                 |           |
|  | To             | From            | Total                     | To             | From            | Total     |
| Passengers carried:                          |                |                 |                           |                |                 |           |
| Unit toll ..... No.                          | 4,377          | 5,679           | 10,056                    | 118,198        | 123,653         | 241,851   |
| Bulk ..... "                                 | -              | 107             | 107                       | 6,726          | 11,078          | 17,804    |
| Totals ..... "                               | 4,377          | 5,786           | 10,163                    | 124,924        | 134,731         | 259,655   |
| Freight, express and excess baggage carried: |                |                 |                           |                |                 |           |
| Unit toll ..... lb.                          | 149,415        | 129,290         | 278,705                   | 1,291,353      | 4,228,530       | 5,519,883 |
| Bulk ..... "                                 | -              | -               | -                         | -              | -               | -         |
| Totals ..... "                               | 149,415        | 129,290         | 278,705                   | 1,291,353      | 4,228,530       | 5,519,883 |
| Mail carried (unit toll) ..... "             | 18,254         | 18,646          | 36,900                    | 263,705        | 403,725         | 667,430   |
| Total by Canadian carriers                   |                |                 | Total by Foreign carriers |                |                 |           |
|  | Leaving Canada | Entering Canada | Total                     | Leaving Canada | Entering Canada | Total     |
| Passengers carried:                          |                |                 |                           |                |                 |           |
| Unit toll ..... No.                          | 72,033         | 75,419          | 147,452                   | 46,165         | 48,234          | 94,399    |
| Bulk ..... "                                 | 5,374          | 8,907           | 14,281                    | 1,352          | 2,171           | 3,523     |
| Totals ..... "                               | 77,407         | 84,326          | 161,733                   | 47,517         | 50,405          | 97,922    |
| Freight, express and excess baggage carried: |                |                 |                           |                |                 |           |
| Unit toll ..... lb.                          | 791,105        | 2,312,924       | 3,104,029                 | 500,248        | 1,915,606       | 2,415,854 |
| Bulk ..... "                                 | -              | -               | -                         | -              | -               | -         |
| Totals ..... "                               | 791,105        | 2,312,924       | 3,104,029                 | 500,248        | 1,915,606       | 2,415,854 |
| Mail carried (unit toll) ..... "             | 165,249        | 206,480         | 371,729                   | 98,456         | 197,245         | 295,701   |

(1) Passengers and goods in transit through Canada are excluded.

TABLE 8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service

September 1964

|                                      | Fixed wing aircraft |                |               |                | Helicopters   |                |               |                |
|--------------------------------------|---------------------|----------------|---------------|----------------|---------------|----------------|---------------|----------------|
|                                      | Month               |                | Year to date  |                | Month         |                | Year to date  |                |
|                                      | Revenue hours       | Revenue earned | Revenue hours | Revenue earned | Revenue hours | Revenue earned | Revenue hours | Revenue earned |
|                                      | No.                 | \$             | No.           | \$             | No.           | \$             | No.           | \$             |
| Type of service:                     |                     |                |               |                |               |                |               |                |
| Aerial advertising .....             | 1                   | 150            | 21            | 2,195          | -             | -              | 164           | 15,407         |
| Aerial fish cultivation .....        | 9                   | 1,005          | 9             | 1,005          | -             | -              | -             | -              |
| Aerial patrol and inspection .....   | 974                 | 110,690        | 9,017         | 977,225        | 688           | 63,157         | 4,701         | 473,841        |
| Aerial pest control .....            | 61                  | 7,463          | 5,477         | 714,692        | -             | -              | -             | -              |
| Aerial photography and survey .....  | 417                 | 53,284         | 2,594         | 329,747        | -             | -              | 359           | 30,165         |
| Aerial photography (excl. survey) .. | 186                 | 38,000         | 1,260         | 253,195        | 24            | 1,925          | 140           | 9,805          |
| Aircraft rental .....                | 65                  | 1,055          | 732           | 19,937         | -             | -              | 3             | 250            |
| Flying training .....                | 3,752               | 68,541         | 27,415        | 470,537        | -             | -              | 209           | 15,750         |
| Geophysical survey .....             | 657                 | 71,743         | 6,140         | 626,613        | 271           | 64,696         | 1,225         | 289,045        |
| Non-transportation charter .....     | 52                  | 3,038          | 791           | 70,873         | -             | -              | 2             | 509            |
| Philanthropic .....                  | -                   | -              | -             | -              | -             | -              | -             | -              |
| Recreational flying .....            | 1,244               | 24,488         | 9,660         | 205,235        | -             | -              | 49            | 5,576          |
| Specialty flying - Other .....       | -                   | -              | 589           | 214,742        | -             | -              | 181           | 12,232         |
| Totals .....                         | 7,418               | 379,457        | 63,705        | 3,885,996      | 983           | 129,778        | 7,033         | 852,580        |

TABLE 9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV

September 1964

|                                       | Carriers operating helicopters only |              | Carriers operating both helicopters and fixed wing aircraft |              | Total   |              |
|---------------------------------------|-------------------------------------|--------------|---|--------------|---------|--------------|
|                                       | Month                               | Year to date | Month   | Year to date | Month   | Year to date |
| Carriers reporting .....              | No.                                 | 13           | ...   | 7            | ...     | 20           |
| Helicopters - Owned .....             | "                                   | 99           | 114   | 12           | 15      | 111          |
| Leased .....                          | "                                   | 20           | 12  | 1            | 1       | 21           |
| Totals .....                          | "                                   | 119          | 126   | 13           | 16      | 132          |
| Revenue hours flown - Unit toll ..... | "                                   | -            | 35  | -            | -       | 35           |
| Bulk .....                            | "                                   | 7,266        | 45,679  | 358          | 2,802   | 7,624        |
| Specialty .....                       | "                                   | 802          | 5,552   | 181          | 1,419   | 983          |
| Totals .....                          | "                                   | 8,068        | 51,266  | 539          | 4,221   | 8,607        |
| Non-revenue hours flown .....         | "                                   | 341          | 1,888   | 18           | 179     | 359          |
| Fuel and oil consumed:                |                                     |              |   |              |         |              |
| Gasoline .....                        | gal.                                | 153,605      | 863,693   | 13,307       | 81,687  | 166,912      |
| Cost .....                            | \$                                  | 73,073       | 401,678   | 5,679        | 37,138  | 78,752       |
| Oil .....                             | gal.                                | 2,417        | 14,322  | 266          | 1,841   | 2,683        |
| Cost .....                            | \$                                  | 3,866        | 24,583  | 356          | 2,640   | 4,222        |
| Average number of employees:          |                                     |              |   |              |         |              |
| Pilots .....                          | No.                                 | 138          | 122   | 12           | 13      | 150          |
| Administrative .....                  | "                                   | 48           | 48  | 2            | 7       | 50           |
| Maintenance labour .....              | "                                   | 117          | 117   | 8            | 4       | 125          |
| Other personnel .....                 | "                                   | 6            | 8   | -            | -       | 6            |
| Totals .....                          | "                                   | 309          | 295   | 22           | 24      | 331          |
| Salaries and wages:                   |                                     |              |   |              |         |              |
| Pilots .....                          | \$                                  | 119,646      | 850,446   | 9,558        | 75,862  | 129,204      |
| Administrative .....                  | \$                                  | 25,427       | 254,556   | 1,000        | 12,037  | 26,427       |
| Maintenance labour .....              | \$                                  | 61,689       | 537,832   | 4,248        | 33,415  | 65,937       |
| Other personnel .....                 | \$                                  | 1,805        | 20,089  | -            | -       | 1,805        |
| Totals .....                          | \$                                  | 208,567      | 1,662,923   | 14,806       | 121,314 | 223,373      |

TABLE 10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV  
September 1964

|  | Current month | Year to date |
|--|---------------|--------------|
|  | dollars       |              |
| Operating revenues:                      |               |              |
| Unit toll transportation:                |               |              |
| Passengers .....                         | -             | 133          |
| Express .....                            | -             | -            |
| Freight .....                            | -             | -            |
| Excess baggage .....                     | -             | -            |
| Mail .....                               | -             | -            |
| Total unit toll transportation .....     | -             | 133          |
| Bulk transportation .....                | 787,395       | 5,110,180    |
| Total transportation .....               | 787,395       | 5,110,313    |
| Other flying services .....              | 115,926       | 712,903      |
| Total flying services .....              | 903,321       | 5,823,216    |
| Non-flying services .....                | 26,276        | 175,520      |
| Total operating revenues .....           | 929,597       | 5,998,736    |
| Operating expenses:                      |               |              |
| Flying operations .....                  | 300,509       | 2,239,833    |
| Maintenance .....                        | 226,795       | 1,102,313    |
| General service and administration ..... | 71,622        | 599,419      |
| Depreciation and amortization .....      | 54,471        | 441,263      |
| Total operating expenses .....           | 653,397       | 4,382,828    |
| Operating income (deficit) .....         | 276,200       | 1,615,908    |
| Non-operating income:                    |               |              |
| Capital gains and losses .....           | 5,520         | 34,816       |
| Interest and discounts .....             | Dr. 7,565     | Dr. 196      |
| Miscellaneous non-operating income ..... | 25            | 3,133        |
| Income before interest expense .....     | 274,180       | 1,653,661    |
| Interest expense .....                   | 6,331         | 115,719      |
| Income before income taxes .....         | 267,849       | 1,537,942    |
| Provision for income taxes .....         | 20,291        | 53,141       |
| Net income after income taxes .....      | 247,558       | 1,484,801    |

TABLE 11. Operating Statistics, Canadian Group V Carriers  
September 1964

|   | Quarter   | Year to date |
|---|-----------|--------------|
| Reporting carriers .....                | 268       | ...          |
| Transportation:                         |           |              |
| Hours flown .....                       | 44,535    | 84,742       |
| Passengers carried .....                | 86,211    | 169,498      |
| Goods carried .....                     | 6,756,218 | 13,002,182   |
| Specialty flying services:              |           |              |
| Aerial advertising .....                | -         | -            |
| Aerial fish cultivation .....           | 124       | 124          |
| Aerial patrol and inspection .....      | 3,163     | 6,541        |
| Aerial pest control .....               | 2,853     | 6,550        |
| Aerial photography and survey .....     | 215       | 545          |
| Aerial photography (excl. survey) ..... | 404       | 520          |
| Aircraft rental .....                   | 6,096     | 13,403       |
| Flying training .....                   | 22,287    | 61,469       |
| Geophysical survey .....                | 730       | 836          |
| Non-transportation charter .....        | 91        | 136          |
| Philanthropic .....                     | -         | -            |
| Recreational flying .....               | 6,554     | 13,945       |
| Specialty flying - Other .....          | 458       | 1,141        |
| Totals .....                            | 42,975    | 105,210      |
| Total - All services:                   |           |              |
| Revenue hours flown .....               | 87,510    | 189,952      |
| Non-revenue hours flown .....           | 4,168     | 10,380       |

CIVIL AVIATION DEFINITIONS(1)

Bulk Transportation: (1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4); and

(2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).

Classification of Canadian Carriers by Groups

Group I Carriers: Canadian Air Carriers licensed to perform both domestic and international scheduled services. (Trans-Canada Air Lines and Canadian Pacific Air Lines Ltd.).

Group II Carriers: Canadian Air Carriers other than Group I carriers licensed to perform domestic scheduled services and Nordair Ltd.(2).

Group III Carriers: Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$500,000 or over (excepting air carriers included in Group I and II).

Group IV Carriers: Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$100,000 and over, but less than \$500,000.

Group V Carriers: Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of less than \$100,000.

Cargo: Air freight and air express (excluding mail and excess baggage).

Carrier, Air: Any person who operates aircraft in or over Canada for hire or reward.

Non-Scheduled Carriers: Carriers not operating any scheduled (Class I) service.

Scheduled Carriers: Air Carriers serving designated points in accordance with a service schedule and at a toll per unit.

- 
- (1) Reference to Classes refers to the classification of air carriers as defined by the Air Transport Board and published in the "Directory of Canadian Commercial Air Services" Queen's Printer, Ottawa.
- (2) For statistical purposes in this report, Nordair Ltd. is included with Group III carriers.

Freedoms of the Air:

- First Freedom: The privilege to fly over the territory of a foreign country without landing.
- Second Freedom: The privilege to land on the territory of a foreign country for non-traffic purposes.
- Third Freedom: The privilege to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
- Fourth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
- Fifth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the privilege to put down in a foreign country, passengers, mail and cargo coming from any such territory.

Goods: Air Cargo (freight and express) plus mail and excess baggage.

Interline Traffic:

- Domestic Interline: Passengers and goods received by a carrier at Canadian points from other Canadian Air Carriers.
- Foreign Interline: Passengers and goods received by a carrier from Foreign Air Carriers.
- Divisional Interline: Passengers and goods received from other operating divisions of the same carrier.

International Services:

- Trans-Border Services: Services between Canada and the United States.
- Southern Services: Services between Canada and Bermuda, the Caribbean, Mexico, Central or South America.
- Trans-Atlantic and Polar Services: Services between Canada and Europe.
- Pacific and Orient Services: Services between Canada and points in the Pacific Ocean or the Orient.

Load Capacity Available: Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, stewards' supplies, etc.



|                                   |  |
|-----------------------------------|--|
| <u>Load Factor, Passenger:</u>    | Ratio of revenue passenger-miles performed to available seat-miles.  |
| <u>Load Factor, Weight:</u>       | - See Weight, Load-Factor.   |
| <u>Miles:</u>                     | Statute miles of 5,280 ft.   |
| <u>Passenger:</u>                 | A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger. A round trip passenger is counted as two passengers.   |
| <u>Passenger Load-Factor:</u>     | - See Load Factor, Passenger.  |
| <u>Passenger-Mile:</u>            | The transportation of one passenger one mile.  |
| <u>Non-Revenue Passenger:</u>     | A child or adult carried on a revenue transportation flight for whom no fare is collected, including company personnel.  |
| <u>Revenue Passenger:</u>         | A child or adult for which a fare or part of a fare is paid.   |
| <u>Seat-Miles Available:</u>      | Seats available for the transportation of passengers multiplied by the miles flown on each inter-station flight.   |
| <u>Specialty Flying Services:</u> | Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising.   |
| <u>Tons:</u>                      | Short tons of 2,000 lbs.   |
| <u>Ton-Mile:</u>                  | The transportation of one ton of goods one mile.   |
| <u>Ton-Miles Available:</u>       | Available load capacity multiplied by miles flown on each inter-station flight.  |
| <u>Unit Toll Transportation:</u>  | Public transportation of passengers and goods at a toll per unit. It includes: <ul style="list-style-type: none"><li>(i) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class 1); and</li><li>(ii) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3).</li></ul> |
| <u>Weight Load Factor:</u>        | Ratio of revenue ton-miles performed to available ton-miles.   |





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## CIVIL AVIATION

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## SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures are not available.
- ... Figures not appropriate or not applicable.
- Nil or zero.

## INTRODUCTION

"Civil Aviation" reports are prepared from monthly and quarterly schedules filed with the Air Transport Board and the Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly returns filed with the Dominion Bureau of Statistics by foreign air carriers operating in Canada.

For reporting purposes, Canadian air carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. These groups are described on page twenty of this publication along with other definitions. It should be noted that the definition of each of the five groups has been revised as of 1st January, 1964. This revision resulted in four former group III carriers being transferred to Group IV and 24 former Group IV carriers being transferred to Group V. It should also be noted that Nordair Ltd., classified as a Group II carrier by the Air Transport Board, is included with Group III carriers for statistical purposes. Group V comprises small air carriers required to file returns on a quarterly basis only. Data on their operations are excluded from the other carrier statistics appearing throughout the report.

Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. A complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

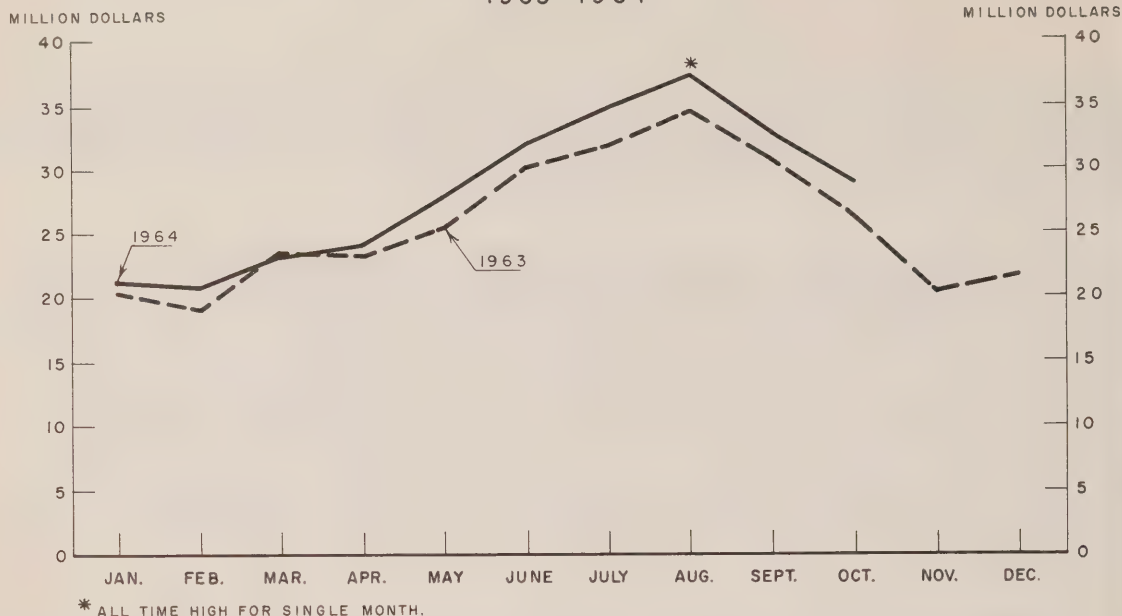
Domestic and international operations of Canadian carriers are combined in all tables except Table 6 which provides a breakdown of domestic and international operations for Canadian carriers operating international unit toll and bulk services.

Commencing with the January, 1964 issue, bulk transport passenger-miles and goods-ton-miles have been added to the statistical data of this report. However, because of survey limitations, this data refers only to aircraft which has a minimum authorized take-off weight on wheels in excess of 18,000 pounds. Operating data covering bulk international flights have also been added to Table 6. It should be noted, however, that the number of carriers reporting international bulk services may vary from month to month.

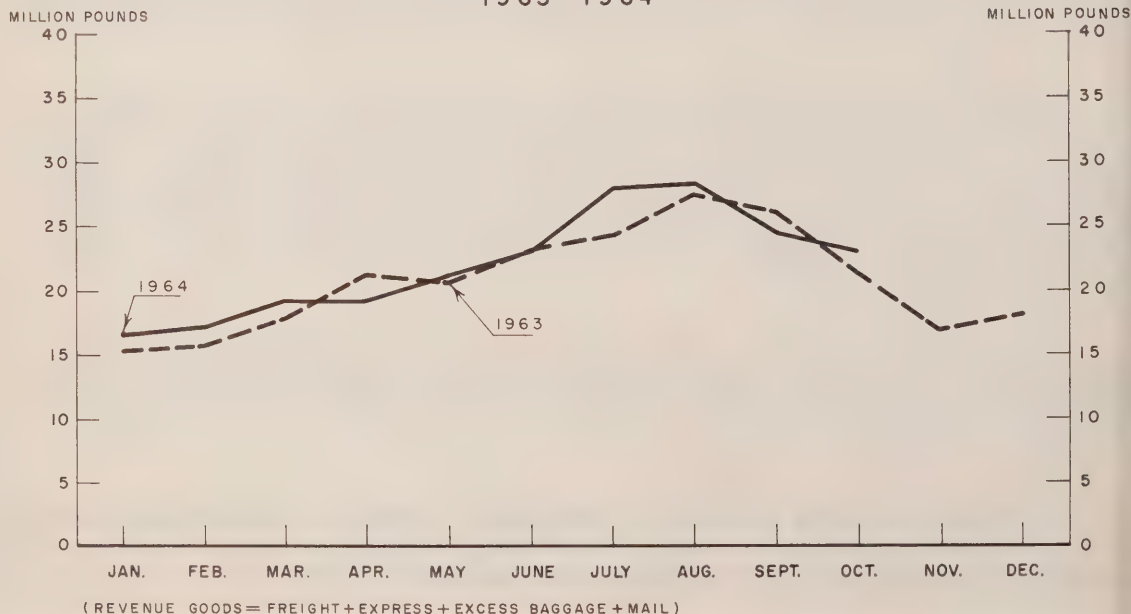
Table 7 provides data on traffic leaving and entering Canada on an area of service basis. Passengers, cargo and mail in transit through Canada are excluded. The table contains the operations of both Canadian and Foreign carriers with separate totals for each.

Also commencing with the January, 1964 issue of "Civil Aviation", data on helicopters have been expanded to include more detail. A split has been made between the use of fixed wing aircraft and helicopters for specialty flying.

# OPERATING REVENUE OF CANADIAN AIR CARRIERS 1963-1964



# REVENUE GOODS CARRIED BY CANADIAN AIR CARRIERS 1963-1964



## REVIEW OF OCTOBER OPERATIONS

Increases were reported in the transportation of both revenue passengers and goods by Canadian Air Carriers during the month of October compared with October 1963. Passengers carried totalled 515,597, an increase of 6.8 per cent, while goods transported showed an increase of 8.3 per cent to 11,546 tons. The revenue miles flown were up 2.4 per cent to 8,465,980. Passenger-miles and goods ton-miles performed by Canadian carriers in unit toll and bulk services totalled 377,012,740 and 9,663,165 respectively. Unit toll services accounted for 91.9 per cent of the total passenger-miles and 86.9 per cent of the total goods ton-miles

October operating revenues showed a 10.8 per cent increase over October 1963 to \$29,033,158 while operating expenses increased 10.5 per cent to \$27,067,851; thus an operating income of \$1,965,307 was reported. This compared with an income of \$1,702,765 for the same month of the previous year. A net income after provision for income taxes of \$1,174,709 was reported as against a net income of \$864,607 in October 1963.

Revenue hours reported flown by 13 carriers who operated 148 helicopters exclusively amounted to 5,087. Hours reported flown by 16 helicopters operated by 7 fixed wing carriers totalled 338. Operating revenues reported by helicopter carriers amounted to \$704,179 while operating expenses amounted to \$597,191.

In October the six scheduled carriers transported 438,435 revenue passengers, 91.7 per cent of passengers carried by all Canadian carriers. They also carried 6,869 tons of revenue goods, 67.7 per cent of the total. Operating revenues amounted to \$24,605,994 or 84.7 per cent of the total. Operating expenses amounted to \$22,429,813 or 82.9 per cent of the total. Comparable figures for October 1963 are: passengers 90.8 per cent, goods 64.4 per cent, revenues 90.8 per cent and expenses 90.0 per cent.

Revenue passenger-miles performed by Canadian carriers in international unit toll service in October amounted to 149,443,305 or 44.7 per cent of the total unit toll passenger-miles. The division of international services by air was as follows:

| <u>Area</u>                    | <u>Percentage</u> |
|--------------------------------|-------------------|
| Trans-Border .....             | 25.9              |
| Trans-Atlantic and Polar ..... | 44.8              |
| Southern .....                 | 15.3              |
| Pacific and Orient .....       | <u>14.0</u>       |
| Total .....                    | <u>100.0</u>      |

### The Cumulative View:

The first ten months of 1964 compared with the same period of 1963 showed the revenue passengers were up 9.5 per cent to 4,899,474, while revenue goods rose 9.7 per cent to 110,050 tons. Passenger-miles and goods ton-miles performed by Canadian carriers totalled 3,779,169,217 and 86,985,777 respectively. Operating revenues increased 6.6 per cent to \$284,070,630 while operating expenses rose 6.2 per cent to \$259,804,474.

### Foreign Carriers:

Foreign carriers licensed to operate in Canada transported 89,463 revenues passengers during October, an increase of 7.2 per cent over October 1963. Revenue goods carried totalled 1,548 tons, an increase of 24.3 per cent. Foreign carriers report hours and miles flown over Canadian territory only. Statistics of passengers and goods in transit have been excluded.



TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

October 1964

|                                      | Canadian carriers                       |                        |           |           |                         | Foreign carriers (2)   |                           | Grand total all carriers | Year to date  |
|--------------------------------------|---|------------------------|-----------|-----------|-------------------------|------------------------|---------------------------|--------------------------|---------------|
|                                      | Scheduled carriers<br>Group I and II(1) | Non-scheduled carriers |           |           | Total Canadian carriers | United States carriers | Other Foreign carriers(3) |                          |               |
|                                      |   |                        |           |           |                         |                        |                           |                          |               |
|                                      |   | Group III(1)           | Group IV  | Total     |                         |                        |                           |                          |               |
| Number of carriers reporting ...     | 6                                       | 15                     | 47        | 62        | 68                      | 10                     | 9                         | 87                       | ..            |
| Revenue transportation services:     |   |                        |           |           |                         |                        |                           |                          |               |
| Unit toll:                           |   |                        |           |           |                         |                        |                           |                          |               |
| Departures .....                     | 18,179                                  | 2,137                  | 598       | 2,735     | 20,914                  | ..                     | ..                        | 27,218                   | 267,601       |
| Hours flown .....                    | 22,681                                  | 2,736                  | 373       | 3,109     | 25,790                  | 342                    | 1,086                     | 5,724,936                | 61,695,624    |
| Miles scheduled .....                | 5,641,729                               | ...                    | ...       | ...       | 5,641,729               | 83,207                 | 436,914                   |                          |               |
| Miles flown:                         |   |                        |           |           |                         |                        |                           |                          |               |
| Scheduled .....                      | 5,805,802                               | ...                    | ...       | ...       | 5,805,802               | 82,181                 | 443,923                   | 6,331,906                | 63,145,735(4) |
| Non-scheduled .....                  | 276,262                                 | 286,254                | 42,200    | 328,454   | 604,716                 | -                      | -                         | 604,716                  | 6,139,802(4)  |
| Totals .....                         | 6,082,064                               | 286,254                | 42,200    | 328,454   | 6,410,518               | 82,181                 | 443,923                   | 6,936,622                | 69,285,537    |
| Passengers carried .....             | 459,606                                 | 8,884                  | 2,705     | 11,589    | 471,195                 | 60,334                 | 26,071                    | 557,600                  | 5,198,570     |
| Goods carried:                       |   |                        |           |           |                         |                        |                           |                          |               |
| Cargo .....                          | 10,241,107                              | 466,223                | 132,227   | 598,450   | 10,839,557              | 813,854                | 1,952,804                 | 13,763,303               | 116,292,087   |
| Excess baggage .....                 | 143,746(5)                              | 4,826                  | 8,516     | 13,342    | 157,088(5)              |                        |                           |                          |               |
| Mail .....                           | 3,813,537                               | 93,953                 | 21,153    | 115,106   | 3,928,643               | 138,359                | 183,634                   | 4,250,636                | 40,793,192    |
| Totals .....                         | 14,198,390                              | 565,002                | 161,896   | 726,898   | 14,925,288              | 952,213                | 2,136,438                 | 18,013,939               | 157,085,279   |
| Passenger-miles .....                | 344,780,993                             | 1,473,781              | 137,255   | 1,611,036 | 346,392,029             | 2,560,465              | 22,264,273                | 371,216,767              | 3,591,999,164 |
| Goods ton-miles:                     |   |                        |           |           |                         |                        |                           |                          |               |
| Cargo .....                          | 6,162,681                               | 119,073                | 268,842   | 387,915   | 6,550,596               | 18,961                 | 732,664                   | 7,588,331                | 60,448,878    |
| Excess baggage .....                 | 283,378                                 | 2,349                  | 383       | 2,732     | 286,110                 |                        |                           |                          |               |
| Mail .....                           | 1,530,686                               | 27,204                 | 1,188     | 28,392    | 1,559,078               | 3,077                  | 76,071                    | 1,638,226                | 15,839,639    |
| Totals .....                         | 7,976,745                               | 148,626                | 270,413   | 419,039   | 8,395,784               | 22,038                 | 808,735                   | 9,226,557                | 76,288,517    |
| Bulk:                                |   |                        |           |           |                         |                        |                           |                          |               |
| Departures .....                     | 2,681                                   | 6,898                  | 11,592    | 18,490    | 21,171                  | ..                     | ..                        | ..                       | ..            |
| Hours flown .....                    | 3,338                                   | 8,142                  | 8,409     | 16,551    | 19,889                  | 2                      | 88                        | 19,979                   | 233,853       |
| Miles flown .....                    | 691,876                                 | 622,442                | 741,084   | 1,363,526 | 2,055,402               | 434                    | 37,360                    | 2,093,196                | 24,564,834    |
| Passengers carried .....             | 13,405                                  | 14,099                 | 16,898    | 30,997    | 44,402                  | 259                    | 7,594                     | 47,460                   | 557,995       |
| Freight carried .....                | 1,345,526                               | 4,088,674              | 2,731,887 | 6,820,561 | 8,166,087               | -                      | -                         | 8,173,681                | 92,621,008    |
| Passenger-miles(6) .....             | 26,816,887                              | 3,639,286              | 164,538   | 3,803,824 | 30,620,711              | ..                     | ..                        | ..                       | ..            |
| Goods ton-miles(6) .....             | 337,266                                 | 877,674                | 52,441    | 930,115   | 1,267,381               | -                      | -                         | 1,267,381                | ..            |
| Revenue non-transportation services: |   |                        |           |           |                         |                        |                           |                          |               |
| Specialty flying - Hours flown "     | 107                                     | 1,108                  | 5,583     | 6,691     | 6,798                   | -                      | -                         | 6,798                    | 77,982        |

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

October 1964

|                                    | Canadian carriers   |               |                        |           |             |  | Foreign carriers (2)    |                        | Grand total all carriers | Year to date |                            |
|------------------------------------|---------------------|---------------|------------------------|-----------|-------------|--|-------------------------|------------------------|--------------------------|--------------|----------------------------|
|                                    | Scheduled carriers  |               | Non-scheduled carriers |           |             |  | Total Canadian carriers | United States carriers |                          |              | Other Foreign carriers (3) |
|                                    | Groups I and II (1) | Group III (1) |                        | Group IV  | Total       |  |                         |                        |                          |              |                            |
|                                    |                     |               |                        |           |             |  |                         |                        |                          |              |                            |
| Total - All services:              |                     |               |                        |           |             |  |                         |                        |                          |              |                            |
| Revenue:                           |                     |               |                        |           |             |  |                         |                        |                          |              |                            |
| Traffic, miles and hours: (7)      |                     |               |                        |           |             |  |                         |                        |                          |              |                            |
| Departures .....                   | No.                 | 9,035         | 12,190                 | 21,225    | 42,085      |  |                         |                        |                          |              |                            |
| Hours flown .....                  | "                   | 20,860        | 14,365                 | 26,351    | 52,477      |  |                         |                        |                          |              |                            |
| Miles flown .....                  | "                   | 26,126        | 783,284                | 1,691,980 | 8,465,920   |  |                         |                        |                          |              |                            |
| Passengers carried .....           | "                   | 6,773,940     | 908,696                | 22,983    | 42,586      |  |                         |                        |                          |              |                            |
| Cargo carried .....                | lb.                 | 473,011       | 19,603                 | 7,419,011 | 515,597     |  |                         |                        |                          |              |                            |
| Goods carried .....                | "                   | 11,586,633    | 2,864,114              | 7,419,011 | 19,005,644  |  |                         |                        |                          |              |                            |
| Passenger-miles (6) .....          | No.                 | 15,543,916    | 2,893,783              | 7,547,459 | 23,091,375  |  |                         |                        |                          |              |                            |
| Goods ton-miles (6) .....          | "                   | 371,597,880   | 301,793                | 5,414,860 | 377,012,740 |  |                         |                        |                          |              |                            |
| Non-revenue:                       |                     | 8,314,011     | 1,026,300              | 322,854   | 9,663,165   |  |                         |                        |                          |              |                            |
| Hours flown .....                  | "                   | 500           | 445                    | 967       | 1,467       |  |                         |                        |                          |              |                            |
| Passengers carried .....           | "                   | 3,986         | 175                    | 187       | 4,173       |  |                         |                        |                          |              |                            |
| Goods carried .....                | lb.                 | 223,215       | 62,247                 | 285,462   | 12,287      |  |                         |                        |                          |              |                            |
| Passenger-miles .....              | "                   | 21,935,496    | 132,235                | 748       | 22,068,479  |  |                         |                        |                          |              |                            |
| Goods ton-miles .....              | "                   | 690,559       | 37,684                 | 298       | 728,243     |  |                         |                        |                          |              |                            |
| Fuel and oil consumed:             |                     |               |                        |           |             |  |                         |                        |                          |              |                            |
| Turbo fuel - Quantity .....        | gal.                | 16,461,686    | 17,641                 | 17,641    | 16,479,327  |  |                         |                        |                          |              |                            |
| Gasoline - Cost .....              | \$                  | 2,309,374     | 5,639                  | 5,639     | 2,315,013   |  |                         |                        |                          |              |                            |
| Gasoline - Quantity .....          | gal.                | 968,471       | 219,385                | 802,110   | 1,770,581   |  |                         |                        |                          |              |                            |
| Turbo oil - Quantity .....         | gal.                | 316,777       | 190,357                | 98,456    | 605,590     |  |                         |                        |                          |              |                            |
| Turbo oil - Cost .....             | \$                  | 4,282         | 4                      | 4         | 4,286       |  |                         |                        |                          |              |                            |
| Other oil - Quantity .....         | gal.                | 40,065        | 60                     | 60        | 40,125      |  |                         |                        |                          |              |                            |
| Other oil - Cost .....             | \$                  | 7,862         | 3,506                  | 8,832     | 16,694      |  |                         |                        |                          |              |                            |
| Average number of employees:       |                     | 9,382         | 4,753                  | 12,414    | 21,796      |  |                         |                        |                          |              |                            |
| Pilots and co-pilots .....         | No.                 | 1,013         | 293                    | 553       | 1,566       |  |                         |                        |                          |              |                            |
| Other flight personnel .....       | "                   | 1,069         | 24                     | 41        | 1,110       |  |                         |                        |                          |              |                            |
| General management .....           | "                   | 310           | 88                     | 168       | 478         |  |                         |                        |                          |              |                            |
| Maintenance labour .....           | "                   | 3,670         | 534                    | 534       | 4,204       |  |                         |                        |                          |              |                            |
| Aircraft & traffic servicing ..... | "                   | 5,105         | 116                    | 161       | 5,266       |  |                         |                        |                          |              |                            |
| Other personnel .....              | "                   | 4,617         | 104                    | 300       | 4,917       |  |                         |                        |                          |              |                            |
| Totals .....                       | "                   | 15,784        | 1,033                  | 1,757     | 17,541      |  |                         |                        |                          |              |                            |
| Salaries and wages paid:           |                     |               |                        |           |             |  |                         |                        |                          |              |                            |
| Pilots and co-pilots .....         | \$                  | 1,257,453     | 232,386                | 393,768   | 1,651,221   |  |                         |                        |                          |              |                            |
| Other flight personnel .....       | \$                  | 524,130       | 8,005                  | 23,263    | 547,393     |  |                         |                        |                          |              |                            |
| General management .....           | \$                  | 279,837       | 65,745                 | 109,951   | 389,788     |  |                         |                        |                          |              |                            |
| Maintenance labour .....           | \$                  | 1,920,185     | 142,270                | 231,583   | 2,151,768   |  |                         |                        |                          |              |                            |
| Aircraft & traffic servicing ..... | \$                  | 2,463,380     | 45,491                 | 58,520    | 2,521,900   |  |                         |                        |                          |              |                            |
| Other personnel .....              | \$                  | 2,324,436     | 34,582                 | 104,120   | 2,428,556   |  |                         |                        |                          |              |                            |
| Totals .....                       | \$                  | 8,769,421     | 570,688                | 921,205   | 9,690,626   |  |                         |                        |                          |              |                            |
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(1) Group II non-scheduled carriers included with Group III for purposes of this report.

(2) See "Foreign Carriers", page 7, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Trans-Canada Air Lines.

(6) Excludes chartered aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(7) These data exclude non-transportation services, except for hours flown.

(8) Includes excess baggage.

(9) Data in Tables 4, 5, 6, 7, 8 and 9 included in this table.

TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group

October 1964

|                                       | Scheduled carriers |             |            | Non-scheduled carriers |           |           | Grand total | Year to date |
|---------------------------------------|--------------------|-------------|------------|------------------------|-----------|-----------|-------------|--------------|
|                                       | Group I            | Group II(1) | Total      | dollars                |           |           |             |              |
|                                       |                    |             |            | Group III(1)           | Group IV  | Total     |             |              |
| Operating revenues:                   |                    |             |            |                        |           |           |             |              |
| Unit toll transportation:             |                    |             |            |                        |           |           |             |              |
| Passengers .....                      | 19,929,635         | 966,973     | 20,896,608 | 205,038                | 28,898    | 233,936   | 21,130,544  | 204,846,994  |
| Express .....                         | 412,925            | 17,240      | 430,165    | 7,266                  | 777       | 8,043     | 438,208     | 3,759,012    |
| Freight .....                         | 1,370,525          | 207,648     | 1,578,173  | 74,484                 | 9,203     | 83,687    | 1,661,860   | 14,365,653   |
| Excess baggage .....                  | 142,995            | 19,625      | 162,620    | 4,745                  | 711       | 5,456     | 168,076     | 1,446,245    |
| Mail .....                            | 1,210,973          | 111,803     | 1,322,776  | 37,537                 | 4,402     | 41,939    | 1,364,715   | 13,666,808   |
| Total unit toll transportation ..     | 23,067,053         | 1,323,289   | 24,390,342 | 329,070                | 43,991    | 373,061   | 24,763,403  | 238,084,712  |
| Bulk transportation .....             |                    |             |            |                        |           |           |             |              |
| Total transportation .....            | 1,157,284          | 390,921     | 1,548,205  | 1,124,015              | 665,067   | 1,789,082 | 3,337,287   | 37,495,005   |
| Other flying services .....           | 24,224,337         | 1,714,210   | 25,938,547 | 1,453,085              | 709,058   | 2,162,143 | 28,100,690  | 275,579,717  |
| Total flying services .....           | 10,819             | 15,250      | 26,069     | 188,573                | 180,930   | 369,503   | 395,572     | 5,127,917    |
| Non-flying services .....             | 24,235,156         | 1,729,460   | 25,964,616 | 1,641,658              | 889,988   | 2,531,646 | 28,496,262  | 280,707,634  |
| Total operating revenues .....        | 370,838            | 28,139      | 398,977    | 66,044                 | 71,875    | 137,919   | 536,896     | 3,362,996    |
| Total operating revenues .....        | 24,605,994         | 1,757,599   | 26,363,593 | 1,707,702              | 961,863   | 2,669,565 | 29,033,158  | 284,070,630  |
| Operating expenses:                   |                    |             |            |                        |           |           |             |              |
| Flying operations .....               | 5,342,275          | 638,222     | 5,980,497  | 646,214                | 473,734   | 1,119,948 | 7,100,445   | 71,574,443   |
| Maintenance .....                     | 4,607,222          | 580,367     | 5,187,589  | 535,168                | 268,186   | 803,354   | 5,990,943   | 56,753,197   |
| General services and administration:  |                    |             |            |                        |           |           |             |              |
| Passenger service .....               | 1,772,966          | 74,836      | 1,847,802  | ..                     | ..        | ..        | ..          | ..           |
| Aircraft and traffic servicing .....  | 3,193,196          | 261,998     | 3,455,194  | ..                     | ..        | ..        | ..          | ..           |
| Promotion and sales .....             | 3,765,087          | 129,402     | 3,894,489  | ..                     | ..        | ..        | ..          | ..           |
| General administration .....          | 902,131            | 109,334     | 1,011,465  | ..                     | ..        | ..        | ..          | ..           |
| Totals .....                          | 9,633,380          | 575,570     | 10,208,950 | 292,754                | 213,397   | 506,151   | 10,715,101  | 103,791,122  |
| Depreciation and amortization .....   | 2,846,936          | 135,498     | 2,982,434  | 189,826                | 89,102    | 278,928   | 3,261,362   | 27,685,712   |
| Total operating expenses .....        | 22,429,813         | 1,929,657   | 24,359,470 | 1,663,962              | 1,044,419 | 2,708,381 | 27,067,851  | 259,804,474  |
| Operating income (loss) .....         | 2,176,181          | Dr.         | 2,004,123  | 43,740                 | Dr.       | 38,816    | 1,965,307   | 24,266,156   |
| Non-operating income - Net:           |                    |             |            |                        |           |           |             |              |
| Capital gains and losses .....        | 20,571             | -           | 20,571     | 8,786                  | 40,925    | 49,711    | 70,282      | 806,588      |
| Interest and discounts .....          | 203,404            | 32          | 203,436    | 1,573                  | 1,427     | 3,000     | 206,436     | 1,753,701    |
| Miscellaneous non-operating income .. | 12,927             | 9,773       | 22,700     | 2,831                  | 676       | 2,155     | 20,545      | 7,075        |
| Income before interest expense .....  | 2,413,083          | Dr.         | 2,250,830  | 51,268                 | Dr.       | 11,740    | 2,262,570   | 26,833,520   |
| Interest expense .....                | 974,873            | 57,046      | 1,031,919  | 39,578                 | 18,859    | 58,437    | 1,090,356   | 10,758,950   |
| Income before income taxes .....      | 1,438,210          | Dr.         | 1,218,911  | 11,690                 | Dr.       | 46,697    | 1,172,214   | 16,074,570   |
| Provision for income taxes .....      | -                  | -           | -          | 4,750                  | Cr.       | 2,495     | Cr.         | 329,565      |
| Net income after income taxes .....   | 1,438,210          | Dr.         | 1,218,911  | 6,940                  | Dr.       | 44,202    | 1,174,709   | 15,745,005   |

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

(2) Data in Tables 3, 8 and 10 included in this table.

TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

October 1964

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|                                       | Canadian<br>Pacific<br>Air Lines | Eastern<br>Provincial<br>Airways<br>(1963) | Pacific<br>Western<br>Airlines | Quebecair<br>Inc. | Transair<br>Ltd. | Trans-<br>Canada<br>Air Lines | Total         | Year<br>to<br>date |
|---------------------------------------|----------------------------------|--|--------------------------------|-------------------|------------------|-------------------------------|---------------|--------------------|
| Operating revenues:                   |                                  |  |                                |                   |                  |                               |               |                    |
| Unit toll transportation:             |                                  |  |                                |                   |                  |                               |               |                    |
| Passengers .....                      | 4,430,434                        | 179,485                                    | 357,386                        | 273,565           | 156,537          | 15,499,201                    | 20,896,608    | 202,197,579        |
| Express .....                         | 16,741                           | 2,439                                      | 11,731                         | -                 | 3,070            | 396,184                       | 430,165       | 3,657,793          |
| Freight .....                         | 361,668                          | 52,638                                     | 85,849                         | 41,157            | 27,984           | 1,008,857                     | 1,578,173     | 13,343,688         |
| Excess baggage .....                  | 38,545                           | 3,477                                      | 9,051                          | 6,150             | 947              | 104,450                       | 162,620       | 1,389,364          |
| Mail .....                            | 249,073                          | 28,986                                     | 47,028                         | 8,008             | 27,781           | 961,900                       | 1,322,776     | 13,170,775         |
| Total unit toll transportation ..     | 5,096,461                        | 267,045                                    | 511,045                        | 328,880           | 216,319          | 17,970,592                    | 24,390,342    | 233,759,199        |
| Bulk transportation .....             | 176,275                          | 115,826                                    | 100,887                        | 3,707             | 170,501          | 981,009                       | 1,548,205     | 18,094,666         |
| Total transportation .....            | 5,272,736                        | 382,871                                    | 611,932                        | 332,587           | 386,820          | 18,951,601                    | 25,938,547    | 251,853,865        |
| Other flying services .....           | -                                | 15,250                                     | -                              | -                 | -                | 10,819                        | 26,069        | 296,523            |
| Total flying services .....           | 5,272,736                        | 398,121                                    | 611,932                        | 332,587           | 386,820          | 18,962,420                    | 25,964,616    | 252,150,388        |
| Non-flying services .....             | 89,581                           | 17,731                                     | 833                            | 4,045             | 5,530            | 281,257                       | 398,977       | 1,863,266          |
| Total operating revenues .....        | 5,362,317                        | 415,852                                    | 612,765                        | 336,632           | 392,350          | 19,243,677                    | 26,363,593    | 254,013,654        |
| Operating expenses:                   |                                  |  |                                |                   |                  |                               |               |                    |
| Flying operations .....               | 1,643,564                        | 152,674                                    | 263,666                        | 81,608            | 140,274          | 3,698,711                     | 5,980,497     | 60,513,513         |
| Maintenance .....                     | 686,799                          | 174,363                                    | 164,929                        | 84,928            | 156,147          | 3,920,423                     | 5,187,589     | 49,401,943         |
| General services and administrations: |                                  |  |                                |                   |                  |                               |               |                    |
| Passenger service .....               | 406,615                          | 17,242                                     | 32,181                         | 10,088            | 15,325           | 1,366,351                     | 1,847,802     | 17,967,943         |
| Aircraft and traffic servicing ..     | 532,467                          | 87,009                                     | 126,858                        | 29,135            | 18,996           | 2,660,729                     | 3,455,194     | 34,033,422         |
| Promotion and sales .....             | 1,018,887                        | 13,616                                     | 23,344                         | 52,889            | 39,553           | 2,746,200                     | 3,894,489     | 37,359,504         |
| General administration .....          | 185,401                          | 22,331                                     | 40,005                         | 29,081            | 17,917           | 716,730                       | 1,011,465     | 10,007,664         |
| Totals .....                          | 2,143,370                        | 140,198                                    | 222,388                        | 121,193           | 91,791           | 7,490,010                     | 10,208,950    | 99,368,533         |
| Depreciation and amortization .....   | 176,120                          | 53,831                                     | 28,841                         | 32,639            | 20,187           | 2,670,816                     | 2,982,434     | 25,273,954         |
| Total operating expenses .....        | 4,649,853                        | 521,066                                    | 679,824                        | 320,368           | 408,399          | 17,779,960                    | 24,359,470    | 234,557,943        |
| Operating income (loss) .....         | 712,464                          | Dr. 105,214                                | Dr. 67,059                     | Dr. 16,264        | Dr. 16,049       | Dr. 1,463,717                 | Dr. 2,004,123 | Dr. 19,455,711     |
| Non-operating income - Net:           |                                  |  |                                |                   |                  |                               |               |                    |
| Capital gains and losses .....        | 20,571                           | -  | -                              | -                 | -                | -                             | 20,571        | 501,885            |
| Interest and discounts .....          | 48,993                           | 8  | -                              | -                 | 24               | 154,411                       | 203,436       | 1,720,832          |
| Miscellaneous non-operating income .. | 6,366                            | 6  | 10,639                         | Dr. 542           | Dr. 330          | 6,561                         | 22,700        | 52,089             |
| Income before interest expense .....  | 788,394                          | Dr. 105,200                                | Dr. 56,420                     | Dr. 15,722        | Dr. 16,355       | Dr. 1,624,689                 | Dr. 2,250,830 | Dr. 21,730,537     |
| Interest expense .....                | -                                | Dr. 28,290                                 | Dr. 10,372                     | Dr. 12,276        | Dr. 6,108        | Dr. 974,873                   | Dr. 1,031,919 | Dr. 10,174,720     |
| Income before income taxes .....      | 788,394                          | Dr. 133,490                                | Dr. 66,792                     | Dr. 3,446         | Dr. 22,463       | Dr. 649,816                   | Dr. 1,218,911 | Dr. 11,555,817     |
| Provision for income taxes .....      | -                                | -  | -                              | -                 | -                | -                             | -             | -                  |
| Net income after income taxes .....   | 788,394                          | Dr. 133,490                                | Dr. 66,792                     | Dr. 3,446         | Dr. 22,463       | Dr. 649,816                   | Dr. 1,218,911 | Dr. 11,555,817     |



TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

October 1964

|   | Group I carriers           |                        |             | Group II carriers                 |                             |                   |                  | Grand total |
|---|----------------------------|------------------------|-------------|-----------------------------------|-----------------------------|-------------------|------------------|-------------|
|   | Canadian Pacific Air Lines | Trans-Canada Air Lines | Total       | Eastern Provincial Airways (1963) | Pacific Western Airlines(1) | Quebecair Inc.(1) | Transair Ltd.(1) |             |
| Revenue transportation services:                      |                            |                        |             |                                   |                             |                   |                  |             |
| Unit toll:  |                            |                        |             |                                   |                             |                   |                  |             |
| Departures .....                                      | 1,828                      | 11,459                 | 13,287      | 972                               | 1,595                       | 1,119             | 1,206            | 18,179      |
| Hours flown .....                                     | 3,335                      | 14,689                 | 18,024      | 849                               | 1,532                       | 928               | 1,348            | 22,681      |
| Miles scheduled .....                                 | 1,104,769                  | 4,051,423              | 5,156,192   | 63,653                            | 201,269                     | 110,709           | 109,906          | 5,641,729   |
| Miles flown:  |                            |                        |             |                                   |                             |                   |                  |             |
| Scheduled - Regular .....                             | 1,099,451                  | 4,009,278              | 5,108,729   | 63,081                            | 195,348                     | 105,164           | 108,804          | 5,581,126   |
| Extra section .....                                   | 46,639                     | 161,987                | 208,626     | 3,932                             | 5,365                       | -                 | 6,753            | 224,676     |
| Non-scheduled .....                                   | 44,217                     | -                      | 44,217      | 75,837                            | 33,329                      | 54,426            | 68,453           | 276,262     |
| Totals .....  | 1,190,307                  | 4,171,265              | 5,361,572   | 142,850                           | 234,042                     | 159,590           | 184,010          | 6,082,064   |
| Ratio of regular miles flown to miles scheduled ..... | 99.5                       | 99.0                   | 99.1        | 99.1                              | 97.1                        | 95.0              | 99.0             | 98.9        |
| Passengers carried .....                              | 44,855                     | 374,448                | 419,303     | 8,408                             | 16,669                      | 9,518             | 5,708            | 459,606     |
| Goods carried:  |                            |                        |             |                                   |                             |                   |                  |             |
| Freight .....   | 912,580                    | 6,401,936              | 7,314,516   | 506,739                           | 741,014                     | 199,667           | 199,307          | 8,961,243   |
| Express .....   | 89,349                     | 1,126,291              | 1,215,640   | 12,698                            | 40,081                      | -                 | 11,445           | 1,279,864   |
| Excess baggage .....                                  | 61,258                     | -                      | 61,258      | 18,759                            | 26,718                      | 31,177            | 5,834            | 82,488      |
| Mail .....  | 232,703                    | 3,099,716              | 3,332,419   | 150,098                           | 178,568                     | 39,744            | 112,708          | 481,118     |
| Totals .....  | 1,295,890                  | 10,627,943             | 11,923,833  | 688,294                           | 986,381                     | 270,588           | 329,294          | 14,198,390  |
| Passenger-miles:                                      |                            |                        |             |                                   |                             |                   |                  |             |
| Scheduled .....                                       | 77,879,256                 | 254,977,762            | 332,857,018 | 728,158                           | 3,866,622                   | 1,891,689         | 1,550,718        | 340,894,205 |
| Non-scheduled .....                                   | 1,270,345                  | -                      | 1,270,345   | 1,224,501                         | 115,623                     | 1,081,281         | 195,038          | 2,616,443   |
| Totals .....  | 79,149,601                 | 254,977,762            | 334,127,363 | 1,952,659                         | 3,982,245                   | 2,972,970         | 1,745,756        | 10,653,630  |
| Available seat-miles on scheduled services .....      | 139,645,626                | 383,706,032            | 523,351,658 | 1,504,597                         | 10,838,509                  | 3,506,696         | 3,997,444        | 543,198,904 |
| Passenger load factor on scheduled services .....     | 55.8                       | 66.5                   | 63.6        | 48.4                              | 35.7                        | 53.9              | 38.8             | 62.8        |
| Goods ton-miles:                                      |                            |                        |             |                                   |                             |                   |                  |             |
| Freight - Scheduled .....                             | 1,353,083                  | 3,972,972              | 5,326,055   | 123,822                           | 173,537                     | 21,507            | 14,115           | 332,981     |
| Non-scheduled .....                                   | 2,799                      | -                      | 2,799       | 3,735                             | 2,560                       | 14,718            | 11,634           | 32,647      |
| Totals .....  | 1,355,882                  | 3,972,972              | 5,328,854   | 127,557                           | 176,097                     | 36,225            | 25,749           | 365,628     |
| Express - Scheduled .....                             | 22,438                     | 430,634                | 453,072     | 1,016                             | 9,345                       | -                 | 2,416            | 465,849     |
| Non-scheduled .....                                   | 1,038                      | -                      | 1,038       | 1,231                             | -                           | -                 | 81               | 1,312       |
| Totals .....  | 23,476                     | 430,634                | 454,110     | 2,247                             | 9,345                       | -                 | 2,497            | 468,199     |

See footnotes at end of table.



TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Continued

October 1964

|   | Group I carriers           |                        |             | Group II carriers                 |                              |                    |                   |            | Grand total |
|---|----------------------------|------------------------|-------------|-----------------------------------|------------------------------|--------------------|-------------------|------------|-------------|
|   | Canadian Pacific Air Lines | Trans-Canada Air Lines | Total       | Eastern Provincial Airways (1963) | Pacific Western Airlines (1) | Quebecair Inc. (1) | Transair Ltd. (1) | Total (1)  |             |
| Revenue transportation services - Concluded:      |                            |                        |             |                                   |                              |                    |                   |            |             |
| Unit toll - Concluded:                            |                            |                        |             |                                   |                              |                    |                   |            |             |
| Goods ton-miles - Concluded:                      |                            |                        |             |                                   |                              |                    |                   |            |             |
| Excess baggage - Scheduled .....                  | 64,352                     | 204,283                | 268,635     | 1,155                             | 3,801                        | 3,039              | 926               | 8,921      | 277,556     |
| Non-scheduled ..                                  | 211                        | -                      | 211         | 2,516                             | 142                          | 2,876              | 77                | 5,611      | 5,822       |
| Totals .....                                      | 64,563                     | 204,283                | 268,846     | 3,671                             | 3,943                        | 5,915              | 1,003             | 14,532     | 283,378     |
| Mail - Scheduled .....                            | 196,207                    | 1,234,678              | 1,430,885   | 12,015                            | 49,872                       | 3,512              | 5,375             | 70,774     | 1,501,659   |
| Non-scheduled ..                                  | 4,218                      | -                      | 4,218       | 13,788                            | 295                          | 2,356              | 8,370             | 24,809     | 29,027      |
| Totals .....                                      | 200,425                    | 1,234,678              | 1,435,103   | 25,803                            | 50,167                       | 5,868              | 13,745            | 95,583     | 1,530,686   |
| Total - Scheduled .....                           | 1,636,080                  | 5,842,567              | 7,478,647   | 138,008                           | 236,555                      | 28,058             | 22,832            | 425,453    | 7,904,100   |
| Non-scheduled .....                               | 8,266                      | -                      | 8,266       | 21,270                            | 2,997                        | 19,950             | 20,162            | 64,379     | 72,645      |
| Totals .....                                      | 1,644,346                  | 5,842,567              | 7,486,913   | 159,278                           | 239,552                      | 48,008             | 42,994            | 489,832    | 7,976,745   |
| Available ton-miles on scheduled services .....   | 17,989,112                 | 58,376,944             | 76,366,056  | 434,831                           | 1,347,566                    | 346,606            | 531,692           | 2,660,695  | 79,026,751  |
| Weight load factor on scheduled services(3) ..... | 52.4                       | 53.7                   | 53.4        | 53.4                              | 46.5                         | 68.4               | 37.3              | 48.6       | 53.2        |
| Bulk:   |                            |                        |             |                                   |                              |                    |                   |            |             |
| Departures .....                                  | 33                         | 197                    | 230         | 977                               | 1,147                        | 18                 | 309               | 2,451      | 2,681       |
| Hours flown .....                                 | 172                        | 729                    | 901         | 1,012                             | 820                          | 24                 | 581               | 2,437      | 3,338       |
| Miles flown .....                                 | 78,611                     | 329,443                | 408,054     | 90,283                            | 92,464                       | 3,371              | 97,704            | 283,822    | 691,876     |
| Passengers carried .....                          | 1,430                      | 6,567                  | 7,997       | 2,063                             | 2,140                        | 59                 | 1,146             | 5,408      | 13,405      |
| Freight carried .....                             | -                          | -                      | -           | 183,747                           | 596,520                      | -                  | 565,259           | 1,345,526  | 1,345,526   |
| Passenger-miles(4) .....                          | 5,604,187                  | 19,117,436             | 24,721,623  | 366,986                           | 509,078                      | 36,845             | 1,182,355         | 2,095,264  | 26,816,887  |
| Goods ton-miles(4) .....                          | -                          | -                      | -           | 10,950                            | 17,097                       | -                  | 309,219           | 337,266    | 337,266     |
| Revenue non-transportation services:              |                            |                        |             |                                   |                              |                    |                   |            |             |
| Specialty flying - Hours flown .....              | -                          | 31                     | 31          | 76                                | -                            | -                  | -                 | 76         | 107         |
| Total - All services:                             |                            |                        |             |                                   |                              |                    |                   |            |             |
| Traffic, hours and miles:(5)                      |                            |                        |             |                                   |                              |                    |                   |            |             |
| Revenue:  |                            |                        |             |                                   |                              |                    |                   |            |             |
| Departures .....                                  | 1,861                      | 11,656                 | 13,517      | 1,949                             | 2,742                        | 1,137              | 1,515             | 7,343      | 20,860      |
| Hours flown .....                                 | 3,507                      | 15,449                 | 18,956      | 1,937                             | 2,352                        | 952                | 1,929             | 7,170      | 26,126      |
| Miles flown .....                                 | 1,268,918                  | 4,500,708              | 5,769,626   | 233,133                           | 326,506                      | 162,961            | 281,714           | 1,004,314  | 6,773,940   |
| Passengers carried .....                          | 46,285                     | 381,015                | 427,300     | 10,471                            | 18,809                       | 9,577              | 6,854             | 45,711     | 473,011     |
| Cargo carried .....                               | 1,001,929                  | 7,528,227              | 8,530,156   | 703,184                           | 1,377,615                    | 199,667            | 776,011           | 3,056,477  | 11,586,633  |
| Goods carried .....                               | 1b.                        | 10,627,943             | 11,923,833  | 872,041                           | 1,582,901                    | 270,588            | 894,553           | 3,620,083  | 15,543,916  |
| Passenger-miles(4) .....                          | 84,753,788                 | 274,095,198            | 338,848,986 | 2,319,645                         | 4,491,323                    | 3,009,815          | 2,928,111         | 12,748,894 | 371,597,880 |
| Goods ton-miles(4) .....                          | 1,644,346                  | 5,842,567              | 7,486,913   | 170,228                           | 256,649                      | 48,008             | 352,213           | 827,098    | 8,314,011   |

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded  
October 1964

|   | Group I carriers           |                        |            | Group II carriers                 |                             |                    |                   | Grand total |
|---|----------------------------|------------------------|------------|-----------------------------------|-----------------------------|--------------------|-------------------|-------------|
|   | Canadian Pacific Air Lines | Trans-Canada Air Lines | Total      | Eastern Provincial Airways (1963) | Pacific Western Airlines(1) | Quebecair Inc. (1) | Transair Ltd. (1) | Total(1)    |
| Total - All services - Concluded:   |                            |                        |            |                                   |                             |                    |                   |             |
| Traffic, hours and miles - Concluded:(5)  |                            |                        |            |                                   |                             |                    |                   |             |
| Non-revenue:  |                            |                        |            |                                   |                             |                    |                   |             |
| Hours flown ..... No.   | 56                         | 195                    | 251        | 67                                | 112                         | 16                 | 54                | 249         |
| Passengers carried ..... "  | 3,100                      | -                      | 3,100      | 342                               | 298                         | 131                | 115               | 886         |
| Goods carried ..... lb.   | 160,172                    | -                      | 160,172    | 7,124                             | 38,734                      | -                  | 17,185            | 63,043      |
| Passenger-miles ..... No.   | 7,186,661                  | 14,460,474             | 21,647,135 | 100,671                           | 89,089                      | 43,628             | 54,973            | 288,361     |
| Goods ton-miles ..... "   | 230,005                    | 420,700                | 670,705    | 1,675                             | 14,061                      | -                  | 4,118             | 19,854      |
| Fuel and oil consumed:  |                            |                        |            |                                   |                             |                    |                   |             |
| Turbo fuel - Quantity ..... gal.  | 3,646,166                  | 12,494,781             | 16,140,947 | 133,520                           | -                           | 134,081            | 53,138            | 320,739     |
| Cost ..... \$   | 591,109                    | 1,649,703              | 2,240,812  | 28,039                            | -                           | 28,157             | 12,366            | 68,562      |
| Gasoline - Quantity ..... gal.  | 423,622                    | -                      | 423,622    | 84,092                            | 266,558                     | 27,742             | 166,457           | 544,849     |
| Cost ..... \$   | 119,614                    | -                      | 119,614    | 27,946                            | 96,638                      | 9,155              | 63,424            | 197,163     |
| Turbo oil - Quantity ..... gal.   | 506                        | 3,162                  | 3,668      | 607                               | -                           | 542                | 50                | 1,614       |
| Cost ..... \$   | 4,514                      | 32,598                 | 37,112     | 1,005                             | -                           | 1,898              | 50                | 2,953       |
| Other oil - Quantity ..... gal.   | 1,233                      | -                      | 1,233      | 1,291                             | 3,032                       | 629                | 1,677             | 6,629       |
| Cost ..... \$   | 1,708                      | -                      | 1,708      | 1,614                             | 3,790                       | 503                | 1,767             | 7,674       |
| Average number of employees:  |                            |                        |            |                                   |                             |                    |                   |             |
| Pilots and co-pilots ..... No.  | 190                        | 613                    | 803        | 56                                | 79                          | 28                 | 47                | 210         |
| Other flight personnel ....   | 240                        | 742                    | 982        | 9                                 | 42                          | 13                 | 23                | 87          |
| General management ..... "  | 115                        | 66                     | 181        | 8                                 | 52                          | 50                 | 19                | 129         |
| Maintenance labour ..... "  | 534                        | 2,580                  | 3,114      | 191                               | 185                         | 70                 | 110               | 556         |
| Aircraft and traffic servicing .....  | 858                        | 3,864                  | 4,722      | 100                               | 104                         | 121                | 58                | 383         |
| Other personnel .....   | 689                        | 3,804                  | 4,493      | 48                                | 17                          | 8                  | 51                | 124         |
| Total employees .....   | 2,626                      | 11,669                 | 14,295     | 412                               | 479                         | 290                | 308               | 1,489       |
| Salaries and wages:   |                            |                        |            |                                   |                             |                    |                   |             |
| Pilots and co-pilots ..... \$   | 255,750                    | 828,761                | 1,084,511  | 48,686                            | 64,034                      | 23,328             | 36,894            | 172,942     |
| Other flight personnel ....   | 123,950                    | 370,190                | 494,140    | 3,185                             | 14,920                      | 3,256              | 8,629             | 26,990      |
| General management ..... "  | 100,871                    | 112,474                | 213,345    | 8,116                             | 24,569                      | 21,210             | 12,597            | 66,492      |
| Maintenance labour ..... "  | 257,724                    | 1,409,559              | 1,667,283  | 83,771                            | 93,452                      | 34,374             | 41,305            | 252,902     |
| Aircraft and traffic servicing .....  | 377,979                    | 1,920,142              | 2,298,121  | 35,842                            | 64,647                      | 41,056             | 23,714            | 165,259     |
| Other personnel .....   | 267,711                    | 2,022,168              | 2,289,879  | 15,516                            | 4,490                       | 4,133              | 10,418            | 34,557      |
| Total salaries and wages .....  | 1,383,985                  | 6,663,294              | 8,047,279  | 195,116                           | 266,112                     | 127,357            | 133,557           | 722,142     |
| Routes included in scheduled or non-scheduled services according to predominant class of service.     |                            |                        |            |                                   |                             |                    |                   |             |
| Excludes Trans-Canada Air Lines.  |                            |                        |            |                                   |                             |                    |                   |             |
| Standard passenger weight used: 200 pounds.   |                            |                        |            |                                   |                             |                    |                   |             |
| Excludes charter aircraft not having a maximum authorized take-off weight in excess of 18,000 pounds. |                            |                        |            |                                   |                             |                    |                   |             |
| These data exclude non-transportation services, except for hours flown.                               |                            |                        |            |                                   |                             |                    |                   |             |

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.  
(2) Excludes Trans-Canada Air Lines.  
(3) Standard passenger weight used: 200 pounds.  
(4) Excludes charter aircraft not having a maximum authorized take-off weight in excess of 18,000 pounds.  
(5) These data exclude non-transportation services, except for hours flown.

TABLE 5. Revenue Interline Traffic(1), Canadian Scheduled Carriers - All Services, by Company

October 1964

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|                                | Canadian<br>Pacific<br>Air Lines | Eastern<br>Provincial<br>Airways<br>(1963) | Pacific<br>Western<br>Airlines | Quebecair<br>Inc. | Transair<br>Ltd. | Trans-<br>Canada<br>Air Lines | Total      |
|--------------------------------|----------------------------------|--|--------------------------------|-------------------|------------------|-------------------------------|------------|
| <b>Passengers carried:</b>     |                                  |  |                                |                   |                  |                               |            |
| Originated .....               | 36,704                           | 6,220                                      | 15,094                         | 9,518             | 4,859            | 309,986                       | 382,381    |
| Domestic interline .....       | 3,448                            | 2,188                                      | -                              | -                 | -                | 64,462                        | 74,649     |
| Foreign interline .....        | 4,551                            | -  | -                              | -                 | -                | -                             | -          |
| Totals(2) .....                | 44,703                           | 8,408                                      | 15,094                         | 9,518             | 4,859            | 374,448                       | 457,030    |
| <b>Express carried:</b>        |                                  |  |                                |                   |                  |                               |            |
| Originated .....               | 89,349                           | 12,698                                     | 40,081                         | -                 | 11,445           | 1,126,291                     | 1,279,864  |
| Domestic interline .....       | -                                | -  | -                              | -                 | -                | -                             | -          |
| Foreign interline .....        | -                                | -  | -                              | -                 | -                | -                             | -          |
| Totals(2) .....                | 89,349                           | 12,698                                     | 40,081                         | -                 | 11,445           | 1,126,291                     | 1,279,864  |
| <b>Freight carried:</b>        |                                  |  |                                |                   |                  |                               |            |
| Originated .....               | 763,279                          | 506,739                                    | 701,289                        | 199,667           | 52,248           | 6,401,936                     | 8,625,158  |
| Domestic interline .....       | 27,314                           | -  | -                              | -                 | -                | -                             | 27,314     |
| Foreign interline .....        | 32,625                           | -  | -                              | -                 | -                | -                             | 32,625     |
| Totals(2) .....                | 823,218                          | 506,739                                    | 701,289                        | 199,667           | 52,248           | 6,401,936                     | 8,685,097  |
| <b>Excess baggage carried:</b> |                                  |  |                                |                   |                  |                               |            |
| Originated .....               | 61,258                           | 18,759                                     | 24,141                         | 31,177            | 5,314            | -                             | 140,649(3) |
| Domestic interline .....       | -                                | -  | -                              | -                 | -                | -                             | -          |
| Foreign interline .....        | -                                | -  | -                              | -                 | -                | -                             | -          |
| Totals(2) .....                | 61,258                           | 18,759                                     | 24,141                         | 31,177            | 5,314            | -                             | 140,649(3) |
| <b>Mail carried:</b>           |                                  |  |                                |                   |                  |                               |            |
| Originated .....               | 232,703                          | 150,098                                    | 168,676                        | 39,744            | 26,963           | 3,099,716                     | 3,717,900  |
| Domestic interline .....       | -                                | -  | -                              | -                 | -                | -                             | -          |
| Foreign interline .....        | -                                | -  | -                              | -                 | -                | -                             | -          |
| Totals(2) .....                | 232,703                          | 150,098                                    | 168,676                        | 39,744            | 26,963           | 3,099,716                     | 3,717,900  |

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Board.

(2) Excludes division interline.

(3) Excludes Trans-Canada Air Lines.

TABLE 6. Operating Statistics, Canadian International Carriers - All Revenue Services, by area of Service

October 1964

|  | Trans-<br>Border<br>Services | Trans-<br>Atlantic<br>and Polar<br>Services | Southern<br>Services | Pacific<br>and<br>Orient<br>Services | Total<br>International<br>Services | Domestic<br>Services | Grand<br>total |
|--|------------------------------|---|----------------------|--------------------------------------|------------------------------------|----------------------|----------------|
| Unit toll:   |                              |   |                      |                                      |                                    |                      |                |
| Departures .....   | 1,978                        | 412   | 330                  | 110                                  | 2,830                              | 10,457               | 13,287         |
| Hours flown .....  | 2,759                        | 1,607                                       | 900                  | 674                                  | 5,940                              | 12,084               | 18,024         |
| Miles scheduled .....                                    | 614,454                      | 755,817                                     | 363,041              | 278,564                              | 2,011,876                          | 3,144,316            | 5,156,192      |
| Miles flown:   |                              |   |                      |                                      |                                    |                      |                |
| Scheduled - Regular .....                                | 608,868                      | 748,167                                     | 359,471              | 274,670                              | 1,991,176                          | 3,117,553            | 5,108,729      |
| Non-scheduled - Extra sections .....                     | 38,823                       | 25,471                                      | 1,048                | 33,872                               | 99,214                             | 109,412              | 208,626        |
| Totals .....   | 647,691                      | 773,638                                     | 360,519              | 308,542                              | 2,090,390                          | 3,227,182            | 5,361,572      |
| Ratio of regular miles flown to miles<br>scheduled ..... | 99.1                         | 99.0  | 99.0                 | 98.6                                 | 99.0                               | 99.1                 | 99.1           |
| Passengers carried .....                                 | ...                          | ...   | ...                  | ...                                  | 143,872                            | 275,431              | 419,303        |
| Cargo carried .....                                      | ...                          | ...   | ...                  | ...                                  | 3,396,230                          | 5,133,926            | 8,530,156      |
| Mail carried .....                                       | ...                          | ...   | ...                  | ...                                  | 408,166                            | 2,924,253            | 3,332,419      |
| Passenger-miles .....                                    | 38,715,011                   | 66,995,961                                  | 22,870,168           | 20,862,165                           | 149,443,305                        | 184,684,058          | 334,127,363    |
| Available seat-miles on scheduled services .....         | 55,565,013                   | 101,553,039                                 | 45,580,755           | 39,228,569                           | 241,927,376                        | 281,424,282          | 523,351,658    |
| Passenger load factor on scheduled services .....        | 69.7                         | 66.0  | 50.2                 | 53.2                                 | 61.8                               | 65.6                 | 63.8           |
| Goods ton-miles:   |                              |   |                      |                                      |                                    |                      |                |
| Express .....  | 74,037                       | -   | -                    | -                                    | 74,037                             | 380,073              | 454,110        |
| Freight .....  | 347,484                      | 1,199,704                                   | 363,774              | 585,245                              | 2,496,207                          | 2,832,647            | 5,328,854      |
| Excess baggage .....                                     | 25,474                       | 43,039                                      | 32,377               | 20,688                               | 121,578                            | 147,268              | 268,846        |
| Mail .....   | 46,358                       | 148,585                                     | 53,558               | 92,585                               | 341,086                            | 1,094,017            | 1,435,103      |
| Totals .....   | 493,353                      | 1,391,328                                   | 449,709              | 698,518                              | 3,032,908                          | 4,454,005            | 7,486,913      |
| Available ton-miles on scheduled service .....           | 8,111,264                    | 14,957,493                                  | 5,888,141            | 5,125,464                            | 34,082,362                         | 42,283,694           | 76,366,056     |
| Weight load factor on scheduled services(1) .....        | 53.8                         | 54.1  | 46.5                 | 54.3                                 | 52.7                               | 54.2                 | 53.6           |
| Bulk:  |                              |   |                      |                                      |                                    |                      |                |
| Departures .....   | 292                          | 276   | 7                    | -                                    | 575                                | ...                  | ...            |
| Hours flown .....  | 162                          | 1,001                                       | 49                   | -                                    | 1,212                              | ...                  | ...            |
| Miles flown .....  | 35,585                       | 395,000                                     | 23,536               | -                                    | 454,121                            | ...                  | ...            |
| Passengers carried .....                                 | 801                          | 7,517                                       | 527                  | -                                    | 8,845                              | ...                  | ...            |
| Goods carried .....                                      | -                            | 78,410                                      | -                    | -                                    | 78,410                             | ...                  | ...            |
| Passenger-miles(2) .....                                 | ...                          | ...   | ...                  | -                                    | 26,490,860                         | ...                  | ...            |
| Goods ton-miles(2) .....                                 | -                            | 6,207                                       | -                    | -                                    | 6,207                              | ...                  | ...            |
| Total:   |                              |   |                      |                                      |                                    |                      |                |
| Departures .....   | 2,270                        | 688   | 337                  | 110                                  | 3,405                              | ...                  | ...            |
| Hours flown .....  | 2,921                        | 2,608                                       | 949                  | 674                                  | 7,152                              | ...                  | ...            |
| Miles flown .....  | 683,276                      | 1,168,638                                   | 384,055              | 308,542                              | 2,544,511                          | ...                  | ...            |
| Passengers carried .....                                 | ...                          | ...   | ...                  | ...                                  | 152,717                            | ...                  | ...            |
| Goods carried .....                                      | ...                          | ...   | ...                  | ...                                  | 3,882,806                          | ...                  | ...            |
| Passenger-miles(2) .....                                 | ...                          | ...   | ...                  | ...                                  | 175,934,165                        | ...                  | ...            |
| Goods ton-miles(2) .....                                 | 493,353                      | 1,397,535                                   | 449,709              | 698,518                              | 3,039,115                          | ...                  | ...            |

(1) Standard passenger weight used: 200 pounds.

(2) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

TABLE 7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)  
October 1964

|  |     | United States              |                 |           | Europe                    |                 |           |
|--|-----|----------------------------|-----------------|-----------|---------------------------|-----------------|-----------|
|  |     | To                         | From            | Total     | To                        | From            | Total     |
| Passengers carried:                          |     |                            |                 |           |                           |                 |           |
| Unit toll .....                              | No. | 88,322                     | 87,303          | 175,625   | 16,814                    | 24,214          | 41,028    |
| Bulk .....                                   | "   | 577                        | 372             | 949       | 2,959                     | 5,375           | 8,334     |
| Totals .....                                 | "   | 88,899                     | 87,675          | 176,574   | 19,773                    | 29,589          | 49,362    |
| Freight, express and excess baggage carried: |     |                            |                 |           |                           |                 |           |
| Unit toll .....                              | lb. | 583,544                    | 2,548,794       | 3,132,338 | 545,996                   | 2,013,296       | 2,559,292 |
| Bulk .....                                   | "   | -                          | -               | -         | 7,594                     | -               | 7,594     |
| Totals .....                                 | "   | 583,544                    | 2,548,794       | 3,132,338 | 553,590                   | 2,013,296       | 2,566,886 |
| Mail carried (unit toll) .....               | "   | 136,316                    | 265,717         | 402,033   | 117,842                   | 147,698         | 265,540   |
|  |     | All other areas            |                 |           | Totals                    |                 |           |
|  |     | To                         | From            | Total     | To                        | From            | Total     |
| Passengers carried:                          |     |                            |                 |           |                           |                 |           |
| Unit toll .....                              | No. | 5,122                      | 4,289           | 9,411     | 110,258                   | 115,806         | 226,064   |
| Bulk .....                                   | "   | 230                        | 209             | 439       | 3,766                     | 5,956           | 9,722     |
| Totals .....                                 | "   | 5,352                      | 4,498           | 9,850     | 114,024                   | 121,762         | 235,786   |
| Freight, express and excess baggage carried: |     |                            |                 |           |                           |                 |           |
| Unit toll .....                              | lb. | 173,065                    | 153,363         | 326,428   | 1,302,605                 | 4,715,453       | 6,018,058 |
| Bulk .....                                   | "   | -                          | -               | -         | 7,594                     | -               | 7,594     |
| Totals .....                                 | "   | 173,065                    | 153,363         | 326,428   | 1,310,199                 | 4,715,453       | 6,025,652 |
| Mail carried (unit toll) .....               | "   | 20,084                     | 21,416          | 41,500    | 274,242                   | 434,831         | 709,073   |
|  |     | Total by Canadian carriers |                 |           | Total by Foreign carriers |                 |           |
|  |     | Leaving Canada             | Entering Canada | Total     | Leaving Canada            | Entering Canada | Total     |
| Passengers carried:                          |     |                            |                 |           |                           |                 |           |
| Unit toll .....                              | No. | 68,435                     | 71,224          | 139,659   | 41,823                    | 44,582          | 86,405    |
| Bulk .....                                   | "   | 2,528                      | 4,136           | 6,664     | 1,238                     | 1,820           | 3,058     |
| Totals .....                                 | "   | 70,963                     | 75,360          | 146,323   | 43,061                    | 46,402          | 89,463    |
| Freight, express and excess baggage carried: |     |                            |                 |           |                           |                 |           |
| Unit toll .....                              | lb. | 805,632                    | 2,445,768       | 3,251,400 | 496,973                   | 2,269,685       | 2,766,658 |
| Bulk .....                                   | "   | -                          | -               | -         | 7,594                     | -               | 7,594     |
| Totals .....                                 | "   | 805,632                    | 2,445,768       | 3,251,400 | 504,567                   | 2,269,685       | 2,774,252 |
| Mail carried (unit toll) .....               | "   | 163,159                    | 223,921         | 387,080   | 111,083                   | 210,910         | 321,993   |

(1) Passengers and goods in transit through Canada are excluded.



TABLE 8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service

October 1964

| Type of service:                     | Fixed wing aircraft |                |               |                | Helicopters   |                |               |                |
|--------------------------------------|---------------------|----------------|---------------|----------------|---------------|----------------|---------------|----------------|
|                                      | Month               |                | Year to date  |                | Month         |                | Year to date  |                |
|                                      | Revenue hours       | Revenue earned | Revenue hours | Revenue earned | Revenue hours | Revenue earned | Revenue hours | Revenue earned |
|                                      | No.                 | \$             | No.           | \$             | No.           | \$             | No.           | \$             |
| Aerial advertising .....             | -                   | Dr. 109        | 21            | 2,086          | -             | -              | 164           | 15,407         |
| Aerial fish cultivation .....        | -                   | -              | 9             | 1,005          | -             | -              | -             | -              |
| Aerial patrol and inspection .....   | 626                 | 67,415         | 9,643         | 1,044,640      | 490           | 53,016         | 5,191         | 526,857        |
| Aerial pest control .....            | -                   | -              | 5,477         | 714,692        | -             | -              | -             | -              |
| Aerial photography and survey .....  | 237                 | 70,795         | 2,831         | 400,542        | -             | -              | 359           | 30,165         |
| Aerial photography (excl. survey) .. | 138                 | 30,408         | 1,398         | 283,603        | 29            | 2,121          | 169           | 11,926         |
| Aircraft rental .....                | 57                  | 1,057          | 789           | 20,994         | -             | -              | 3             | 250            |
| Flying training .....                | 3,399               | 61,421         | 30,814        | 531,958        | -             | -              | 209           | 15,750         |
| Geophysical survey .....             | 591                 | 80,621         | 6,731         | 707,234        | -             | -              | 1,225         | 289,045        |
| Non-transportation charter .....     | 22                  | 1,695          | 813           | 72,568         | -             | -              | 2             | 509            |
| Philanthropic .....                  | -                   | -              | -             | -              | -             | -              | -             | -              |
| Recreational flying .....            | 1,183               | 30,680         | 10,843        | 235,915        | 22            | 1,523          | 71            | 7,099          |
| Specialty flying - Other .....       | 4                   | 271            | 593           | 215,013        | -             | -              | 181           | 12,232         |
| Totals .....                         | 6,257               | 344,254        | 69,962        | 4,230,250      | 541           | 56,660         | 7,574         | 909,240        |

TABLE 9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV

October 1964

|                                       | Carriers operating helicopters only |              | Carriers operating both helicopters and fixed wing aircraft |              | Total   |              |
|---------------------------------------|-------------------------------------|--------------|---|--------------|---------|--------------|
|                                       | Month                               | Year to date | Month   | Year to date | Month   | Year to date |
| Carriers reporting .....              | No. 13                              | ...          | 7   | ...          | 20      | ...          |
| Helicopters - Owned .....             | " 138                               | 116          | 14  | 15           | 152     | 132          |
| Leased .....                          | " 10                                | 12           | 2   | 1            | 12      | 14           |
| Totals .....                          | " 148                               | 128          | 16  | 16           | 164     | 146          |
| Revenue hours flown - Unit toll ..... | " 9                                 | 44           | -   | -            | 9       | 44           |
| Bulk .....                            | " 4,632                             | 50,311       | 241   | 3,043        | 4,873   | 53,354       |
| Specialty .....                       | " 446                               | 5,998        | 97  | 1,516        | 543     | 7,514        |
| Totals .....                          | " 5,087                             | 56,353       | 338   | 4,559        | 5,425   | 60,912       |
| Non-revenue hours flown .....         | " 161                               | 2,049        | 18  | 197          | 179     | 2,246        |
| Fuel and oil consumed:                |                                     |              |   |              |         |              |
| Gasoline .....                        | gal. 84,325                         | 948,018      | 8,888   | 90,575       | 93,213  | 1,038,593    |
| Cost .....                            | \$ 37,432                           | 439,110      | 3,789   | 40,927       | 41,221  | 480,037      |
| Oil .....                             | gal. 1,274                          | 15,596       | 245   | 2,086        | 1,519   | 17,682       |
| Cost .....                            | \$ 2,264                            | 26,847       | 332   | 2,972        | 2,596   | 29,819       |
| Average number of employees:          |                                     |              |   |              |         |              |
| Pilots .....                          | No. 119                             | 122          | 11  | 13           | 130     | 159          |
| Administrative .....                  | " 49                                | 48           | 2   | 7            | 51      | 58           |
| Maintenance labour .....              | " 116                               | 116          | 7   | 4            | 123     | 129          |
| Other personnel .....                 | " 6                                 | 8            | -   | -            | 6       | 8            |
| Totals .....                          | " 290                               | 294          | 20  | 24           | 310     | 354          |
| Salaries and wages:                   |                                     |              |   |              |         |              |
| Pilots .....                          | \$ 92,159                           | 942,605      | 8,861   | 84,723       | 101,020 | 1,027,328    |
| Administrative .....                  | \$ 26,122                           | 280,678      | 1,400   | 13,437       | 27,522  | 294,115      |
| Maintenance labour .....              | \$ 55,948                           | 593,780      | 4,236   | 37,651       | 60,184  | 631,431      |
| Other personnel .....                 | \$ 1,676                            | 21,765       | -   | -            | 1,676   | 21,765       |
| Totals .....                          | \$ 175,905                          | 1,838,828    | 14,497  | 135,811      | 190,402 | 1,974,639    |

TABLE 10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV  
October 1964

|  | Current month | Year to date |
|--|---------------|--------------|
|  | dollars       |              |
| Operating revenues:                      |               |              |
| Unit toll transportation:                |               |              |
| Passengers .....                         | -             | 133          |
| Express .....                            | -             | -            |
| Freight .....                            | -             | -            |
| Excess baggage .....                     | -             | -            |
| Mail .....                               | -             | -            |
| Total unit toll transportation .....     | -             | 133          |
| Bulk transportation .....                | 646,682       | 5,756,862    |
| Total transportation .....               | 646,682       | 5,756,995    |
| Other flying services .....              | 42,489        | 755,392      |
| Total flying services .....              | 689,171       | 6,512,387    |
| Non-flying services .....                | 15,008        | 190,528      |
| Total operating revenues .....           | 704,179       | 6,702,915    |
| Operating expenses:                      |               |              |
| Flying operations .....                  | 236,132       | 2,475,965    |
| Maintenance .....                        | 228,252       | 1,330,565    |
| General service and administration ..... | 65,293        | 664,712      |
| Depreciation and amortization .....      | 67,514        | 508,777      |
| Total operating expenses .....           | 597,191       | 4,980,019    |
| Operating income (deficit) .....         | 106,988       | 1,722,896    |
| Non-operating income:                    |               |              |
| Capital gains and losses .....           | 46,372        | 81,188       |
| Interest and discounts .....             | 326           | 130          |
| Miscellaneous non-operating income ..... | 530           | 3,663        |
| Income before interest expense .....     | 154,216       | 1,807,877    |
| Interest expense .....                   | 14,467        | 130,186      |
| Income before income taxes .....         | 139,749       | 1,677,691    |
| Provision for income taxes .....         | Cr. 16,870    | 36,271       |
| Net income after income taxes .....      | 156,619       | 1,641,420    |

CIVIL AVIATION DEFINITIONS(1)

Bulk Transportation:

- (1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4); and
- (2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).

Classification of Canadian Carriers by Groups

- Group I Carriers: Canadian Air Carriers licensed to perform both domestic and international scheduled services. (Trans-Canada Air Lines and Canadian Pacific Air Lines Ltd.).
- Group II Carriers: Canadian Air Carriers other than Group I carriers licensed to perform domestic scheduled services and Nordair Ltd.(2).
- Group III Carriers: Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$500,000 or over (excepting air carriers included in Group I and II).
- Group IV Carriers: Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$100,000 and over, but less than \$500,000.
- Group V Carriers: Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of less than \$100,000.

Cargo:

Air freight and air express (excluding mail and excess baggage).

Carrier, Air:

Any person who operates aircraft in or over Canada for hire or reward.

Non-Scheduled Carriers: Carriers not operating any scheduled (Class I) service.

Scheduled Carriers: Air Carriers serving designated points in accordance with a service schedule and at a toll per unit.

- 
- (1) Reference to Classes refers to the classification of air carriers as defined by the Air Transport Board and published in the "Directory of Canadian Commercial Air Services" Queen's Printer, Ottawa.
  - (2) For statistical purposes in this report, Nordair Ltd. is included with Group III carriers.

Freedoms of the Air:

- First Freedom: The privilege to fly over the territory of a foreign country without landing.
- Second Freedom: The privilege to land on the territory of a foreign country for non-traffic purposes.
- Third Freedom: The privilege to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
- Fourth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
- Fifth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the privilege to put down in a foreign country, passengers, mail and cargo coming from any such territory.

Goods: Air Cargo (freight and express) plus mail and excess baggage.

Interline Traffic:

- Domestic Interline: Passengers and goods received by a carrier at Canadian points from other Canadian Air Carriers.
- Foreign Interline: Passengers and goods received by a carrier from Foreign Air Carriers.
- Divisional Interline: Passengers and goods received from other operating divisions of the same carrier.

International Services:

- Trans-Border Services: Services between Canada and the United States.
- Southern Services: Services between Canada and Bermuda, the Caribbean, Mexico, Central or South America.
- Trans-Atlantic and Polar Services: Services between Canada and Europe.
- Pacific and Orient Services: Services between Canada and points in the Pacific Ocean or the Orient.

Load Capacity Available: Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, stewards' supplies, etc.

|                                   |  |
|-----------------------------------|--|
| <u>Load Factor, Passenger:</u>    | Ratio of revenue passenger-miles performed to available seat-miles.  |
| <u>Load Factor, Weight:</u>       | - See Weight, Load-Factor.   |
| <u>Miles:</u>                     | Statute miles of 5,280 ft.   |
| <u>Passenger:</u>                 | A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger. A round trip passenger is counted as two passengers.   |
| <u>Passenger Load-Factor:</u>     | - See Load Factor, Passenger.  |
| <u>Passenger-Mile:</u>            | The transportation of one passenger one mile.  |
| <u>Non-Revenue Passenger:</u>     | A child or adult carried on a revenue transportation flight for whom no fare is collected, including company personnel.  |
| <u>Revenue Passenger:</u>         | A child or adult for which a fare or part of a fare is paid.   |
| <u>Seat-Miles Available:</u>      | Seats available for the transportation of passengers multiplied by the miles flown on each inter-station flight.   |
| <u>Specialty Flying Services:</u> | Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising.   |
| <u>Tons:</u>                      | Short tons of 2,000 lbs.   |
| <u>Ton-Mile:</u>                  | The transportation of one ton of goods one mile.   |
| <u>Ton-Miles Available:</u>       | Available load capacity multiplied by miles flown on each inter-station flight.  |
| <u>Unit Toll Transportation:</u>  | Public transportation of passengers and goods at a toll per unit. It includes: <ul style="list-style-type: none"><li>(i) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class I); and</li><li>(ii) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3).</li></ul> |
| <u>Weight Load Factor:</u>        | Ratio of revenue ton-miles performed to available ton-miles.   |







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## SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures are not available.
- ... Figures not appropriate or not applicable.
- Nil or zero.

## INTRODUCTION

"Civil Aviation" reports are prepared from monthly and quarterly schedules filed with the Air Transport Board and the Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly returns filed with the Dominion Bureau of Statistics by foreign air carriers operating in Canada.

For reporting purposes, Canadian air carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. These groups are described on page twenty of this publication along with other definitions. It should be noted that the definition of each of the five groups has been revised as of 1st January, 1964. This revision resulted in four former group III carriers being transferred to Group IV and 24 former Group IV carriers being transferred to Group V. It should also be noted that Nordair Ltd., classified as a Group II carrier by the Air Transport Board, is included with Group III carriers for statistical purposes. Group V comprises small air carriers required to file returns on a quarterly basis only. Data on their operations are excluded from the other carrier statistics appearing throughout the report.

Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. A complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

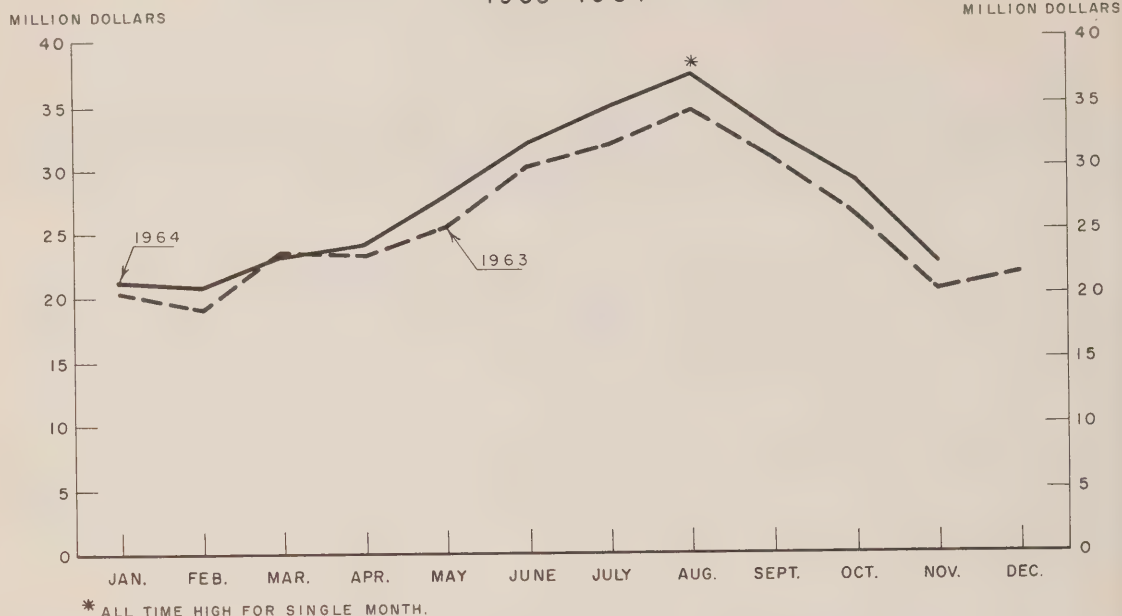
Domestic and international operations of Canadian carriers are combined in all tables except Table 6 which provides a breakdown of domestic and international operations for Canadian carriers operating international unit toll and bulk services.

Commencing with the January, 1964 issue, bulk transport passenger-miles and goods-ton-miles have been added to the statistical data of this report. However, because of survey limitations, this data refers only to aircraft which has a minimum authorized take-off weight on wheels in excess of 18,000 pounds. Operating data covering bulk international flights have also been added to Table 6. It should be noted, however, that the number of carriers reporting international bulk services may vary from month to month.

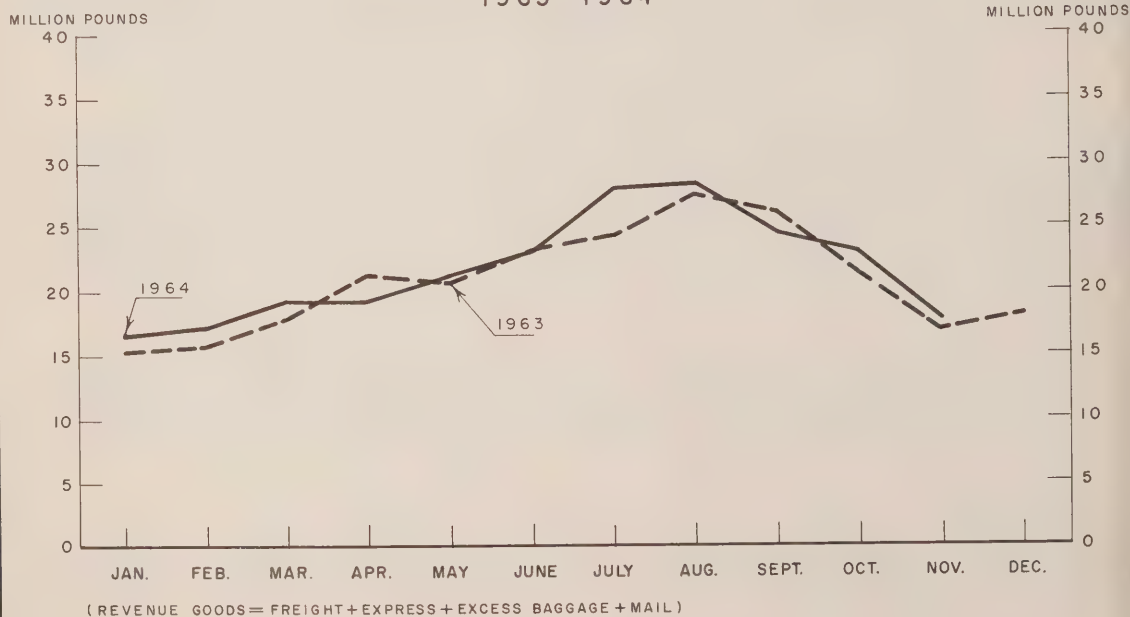
Table 7 provides data on traffic leaving and entering Canada on an area of service basis. Passengers, cargo and mail in transit through Canada are excluded. The table contains the operations of both Canadian and Foreign carriers with separate totals for each.

Also commencing with the January, 1964 issue of "Civil Aviation", data on helicopters have been expanded to include more detail. A split has been made between the use of fixed wing aircraft and helicopters for specialty flying.

# OPERATING REVENUE OF CANADIAN AIR CARRIERS 1963-1964



# REVENUE GOODS CARRIED BY CANADIAN AIR CARRIERS 1963-1964



## REVIEW OF NOVEMBER OPERATIONS

Increases were reported in the transportation of both revenue passengers and goods by Canadian Air Carriers during the month of November compared with November 1963. Passengers carried totalled 417,903, an increase of 9.2 per cent, while goods transported showed an increase of 9.5 per cent to 8,870 tons. The revenue miles flown were up 9.6 per cent to 6,624,689. Passenger-miles and goods ton-miles performed by Canadian carriers in unit toll and bulk services totalled 282,186,106 and 8,585,059 respectively. Unit toll services accounted for 97.4 per cent of the total passenger-miles and 92.4 per cent of the total goods ton-miles.

November operating revenues showed a 9.1 per cent increase over November 1963 to \$22,519,125 while operating expenses increased 9.0 per cent to \$24,900,294, thus an operating loss of \$2,381,169 was reported. This compared with a loss of \$1,891,071 for the same month of the previous year. A deficit after provision for income taxes of \$3,199,953 was reported as against a deficit of \$2,679,583 in November 1963.

Revenue hours reported flown by 14 carriers who operated 148 helicopters exclusively amounted to 2,441. Hours reported flown by 16 helicopters operated by 7 fixed wing carriers totalled 267. Operating revenues reported by helicopter carriers amounted to \$333,665 while operating expenses amounted to \$546,022.

In November the six scheduled carriers transported 395,851 revenue passengers, 94.7 per cent of passengers carried by all Canadian carriers. They also carried 7,515 tons of revenue goods, 84.7 per cent of the total. Operating revenues amounted to \$21,064,078 or 93.5 per cent of the total. Operating expenses amounted to \$22,731,639 or 91.3 per cent of the total. Comparable figures for November 1963 are: passengers 94.3 per cent, goods 76.4 per cent, revenues 93.6 per cent and expenses 92.3 per cent.

Revenue passenger-miles performed by Canadian carriers in international unit toll service in November amounted to 105,748,964 or 40.0 per cent of the total unit toll passenger-miles. The division of international services by air was as follows:

| <u>Area</u>                    | <u>Percentage</u> |
|--------------------------------|-------------------|
| Trans-Border .....             | 27.2              |
| Trans-Atlantic and Polar ..... | 32.2              |
| Southern .....                 | 23.8              |
| Pacific and Orient .....       | <u>16.8</u>       |
| Total .....                    | <u>100.0</u>      |

### The Cumulative View:

The first eleven months of 1964 compared with the same period of 1963 showed the revenue passengers were up 5.8 per cent to 5,317,377, while revenue goods rose 3.2 per cent to 118,919 tons. Passenger-miles and goods ton-miles performed by Canadian carriers totalled 4,061,355,323 and 95,570,836 respectively. Operating revenues increased 6.7 per cent to \$306,589,755 while operating expenses rose 5.4 per cent to \$284,704,768.

### Foreign Carriers:

Foreign carriers licensed to operate in Canada transported 71,805 revenue passengers during November, an increase of 23.2 per cent over November 1963. Revenue goods carried totalled 1,407 tons, an increase of 24.5 per cent. Foreign carriers report hours and miles flown over Canadian territory only. Statistics of passengers and goods in transit have been excluded.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

November 1964

|                                      | Canadian carriers  |              |                        |           |       | Total Canadian carriers | Foreign carriers(2)    |                           |              | Grand total all carriers | Year to date |
|--------------------------------------|--------------------|--------------|------------------------|-----------|-------|-------------------------|------------------------|---------------------------|--------------|--------------------------|--------------|
|                                      | Scheduled carriers |              | Non-scheduled carriers |           |       |                         | United States carriers | Other Foreign carriers(3) |              |                          |              |
|                                      | Group I and II(1)  | Group III(1) |                        | Group IV  | Total |                         |                        |                           |              |                          |              |
|                                      |                    |              |                        |           |       |                         |                        |                           |              |                          |              |
| Number of carriers reporting ...     | 6                  | 14           | 48                     | 62        |       | 68                      | 10                     | 9                         | 87           | **                       |              |
| Revenue transportation services:     |                    |              |                        |           |       |                         |                        |                           |              |                          |              |
| Unit toll:                           |                    |              |                        |           |       |                         |                        |                           |              |                          |              |
| Departures .....                     | 16,225             | 1,415        | 248                    | 1,663     |       | 17,888                  | **                     | **                        | **           | **                       |              |
| Hours flown .....                    | 20,385             | 1,620        | 139                    | 1,759     |       | 22,144                  | 318                    | 797                       | 23,259       | 290,860                  |              |
| Miles scheduled .....                | 5,148,176          | ...          | ...                    | ...       |       | 5,148,176               | 80,395                 | 336,354                   | 5,564,925    | 67,260,549               |              |
| Miles flown:                         |                    |              |                        |           |       |                         |                        |                           |              |                          |              |
| Scheduled .....                      | 5,235,061          | ...          | ...                    | ...       |       | 5,235,061               | 77,277                 | 308,840                   | 5,621,178    | 68,766,913(4)            |              |
| Non-scheduled .....                  | 228,225            | 220,095      | 16,400                 | 236,495   |       | 464,720                 | -                      | -                         | 6,604,522(4) | 6,604,522(4)             |              |
| Totals .....                         | 5,463,286          | 220,095      | 16,400                 | 236,495   |       | 5,699,781               | 77,277                 | 308,840                   | 6,085,898    | 75,371,435               |              |
| Passengers carried .....             | 389,154            | 6,223        | 1,884                  | 8,107     |       | 397,261                 | 54,395                 | 16,451                    | 468,107      | 5,666,677                |              |
| Goods carried:                       |                    |              |                        |           |       |                         |                        |                           |              |                          |              |
| Cargo .....                          | 9,889,300          | 328,910      | 27,095                 | 356,005   |       | 10,245,305              | 792,579                | 1,661,901                 | 12,823,454   | 129,115,541              |              |
| Excess baggage .....                 | 117,312            | 1,453        | 4,904                  | 6,357     |       | 123,669                 | 145,357                | 192,432                   | 4,030,102    | 44,823,294               |              |
| Mail .....                           | 3,609,298          | 69,361       | 13,654                 | 83,015    |       | 3,692,313               | 937,936                | 1,854,333                 | 16,853,556   | 173,938,835              |              |
| Totals .....                         | 13,615,910         | 399,724      | 45,653                 | 445,377   |       | 14,061,287              | 2,249,418              | 12,782,834                | 289,792,549  | 3,881,791,713            |              |
| Passenger-miles .....                | 273,467,723        | 1,210,166    | 82,408                 | 1,292,574 |       | 274,760,297             | 2,249,418              | 12,782,834                | 289,792,549  | 3,881,791,713            |              |
| Goods ton-miles:                     |                    |              |                        |           |       |                         |                        |                           |              |                          |              |
| Cargo .....                          | 6,007,748          | 93,920       | 1,433                  | 95,353    |       | 6,103,101               | 17,501                 | 635,157                   | 7,000,851    | 67,449,729               |              |
| Excess baggage .....                 | 244,136            | 782          | 174                    | 956       |       | 245,092                 | 3,019                  | 81,277                    | 1,668,153    | 17,507,792               |              |
| Mail .....                           | 1,563,374          | 19,553       | 930                    | 20,483    |       | 1,583,857               | 20,520                 | 716,434                   | 8,669,004    | 84,957,521               |              |
| Totals .....                         | 7,815,258          | 114,255      | 2,537                  | 116,792   |       | 7,932,050               |                        |                           |              |                          |              |
| Bulk:                                |                    |              |                        |           |       |                         |                        |                           |              |                          |              |
| Departures .....                     | 1,909              | 2,080        | 5,690                  | 7,770     |       | 9,679                   | **                     | **                        | **           | **                       |              |
| Hours flown .....                    | 2,314              | 2,759        | 4,248                  | 7,007     |       | 9,321                   | 3                      | 25                        | 9,349        | 243,202                  |              |
| Miles flown .....                    | 334,755            | 243,870      | 346,283                | 590,153   |       | 924,908                 | 422                    | 10,530                    | 935,860      | 25,500,694               |              |
| Passengers carried .....             | 6,697              | 5,506        | 8,439                  | 13,945    |       | 20,642                  | 767                    | 192                       | 21,601       | 579,596                  |              |
| Freight carried .....                | 1,413,393          | 1,328,390    | 936,020                | 2,264,410 |       | 3,677,803               | -                      | 22,066                    | 3,699,849    | 96,320,857               |              |
| Passenger-miles(6) .....             | 5,314,673          | 2,026,349    | 84,787                 | 2,111,136 |       | 7,425,809               | **                     | **                        | **           | **                       |              |
| Goods ton-miles(6) .....             | 412,454            | 207,535      | 33,020                 | 240,555   |       | 653,009                 | -                      | **                        | 653,009      | **                       |              |
| Revenue non-transportation services: |                    |              |                        |           |       |                         |                        |                           |              |                          |              |
| Specialty flying - Hours flown "     | 69                 | 493          | 3,823                  | 4,316     |       | 4,385                   | -                      | -                         | 4,385        | 82,367                   |              |

Revenue non-transportation services:

Specialty flying - Hours flown "

See footnotes at end of table.



TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

November 1964

|                                    | Canadian carriers                        |                        |          |           |                         | Foreign carriers(2)    |                           |            | Grand total all carriers | Year to date |
|------------------------------------|--|------------------------|----------|-----------|-------------------------|------------------------|---------------------------|------------|--------------------------|--------------|
|                                    | Scheduled carriers<br>Groups I and II(1) | Non-scheduled carriers |          |           | Total Canadian carriers | United States carriers | Other Foreign carriers(3) |            |                          |              |
|                                    |  | Group III(1)           | Group IV | Total     |                         |                        |                           |            |                          |              |
| Total - All services:              |  |                        |          |           |                         |                        |                           |            |                          |              |
| Revenue:                           |  |                        |          |           |                         |                        |                           |            |                          |              |
| Traffic, miles and hours:(7)       |  |                        |          |           |                         |                        |                           |            |                          |              |
| Departures .....                   | 18,134                                   | 3,495                  | 5,938    | 9,433     | 27,567                  | 321                    | 822                       | 36,993     | 615,429                  | ..           |
| Hours flown .....                  | 22,768                                   | 4,872                  | 8,210    | 13,082    | 35,850                  | 77,699                 | 319,370                   | 7,021,758  | 100,872,129              | ..           |
| Miles flown .....                  | 5,798,041                                | 463,965                | 362,683  | 826,648   | 6,624,689               | 55,162                 | 16,643                    | 489,708    | 6,246,273                | ..           |
| Passengers carried .....           | 395,851                                  | 11,729                 | 10,323   | 22,052    | 417,903                 | 792,579(8)             | 1,683,947(8)              | 16,399,634 | 224,004,658              | ..           |
| Cargo carried .....                | 11,302,693                               | 1,657,300              | 963,115  | 2,620,415 | 13,923,108              | 937,936                | 1,876,379                 | 20,553,405 | 270,259,692              | ..           |
| Goods carried .....                | 15,029,303                               | 1,728,114              | 981,673  | 2,709,787 | 17,739,090              | ..                     | ..                        | ..         | ..                       | ..           |
| Passenger-miles(6) .....           | 278,782,396                              | 3,236,515              | 167,195  | 3,403,710 | 282,186,106             | ..                     | ..                        | ..         | ..                       | ..           |
| Goods ton-miles(6) .....           | 8,227,712                                | 321,790                | 35,557   | 357,347   | 8,585,059               | 17,917                 | 716,434                   | 9,319,410  | ..                       | ..           |
| Non-revenue:                       |  |                        |          |           |                         |                        |                           |            |                          |              |
| Hours flown .....                  | 658                                      | 264                    | 264      | 528       | 1,186                   | 1                      | ..                        | 1,187      | 17,826                   | ..           |
| Passengers carried .....           | 3,001                                    | 101                    | 13       | 114       | 3,115                   | 974                    | 343                       | 4,432      | ..                       | ..           |
| Goods carried .....                | 197,226                                  | 46,035                 | 400      | 46,435    | 243,661                 | 10,041                 | 46,113                    | 299,815    | ..                       | ..           |
| Passenger-miles .....              | 16,545,820                               | 123,581                | 533      | 124,114   | 16,669,934              | 42,278                 | 190,334                   | 16,902,546 | ..                       | ..           |
| Goods ton-miles .....              | 566,417                                  | 28,441                 | -        | 28,441    | 594,858                 | 416                    | 12,696                    | 607,970    | ..                       | ..           |
| Fuel and oil consumed:             |  |                        |          |           |                         |                        |                           |            |                          |              |
| Turbo fuel - Quantity .....        | gal.                                     | 14,229,555             | 9,297    | 9,297     | 14,238,852              | 89,677                 | 2,087,506                 | 16,416,035 | 207,807,480              | ..           |
| Cost .....                         | \$                                       | 2,010,494              | 2,851    | 2,851     | 2,013,345               | 14,434                 | 334,215                   | 2,361,994  | 30,000,422               | ..           |
| Gasoline - Quantity .....          | gal.                                     | 896,513                | 128,507  | 407,392   | 1,303,905               | 24,812                 | 52,068                    | 1,380,785  | 21,919,381               | ..           |
| Cost .....                         | \$                                       | 293,859                | 54,381   | 158,235   | 452,094                 | 6,840                  | 15,581                    | 474,515    | 7,872,579                | ..           |
| Turbo oil - Quantity .....         | gal.                                     | 8,054                  | 1        | 1         | 8,055                   | 24                     | 82                        | 8,161      | 47,290                   | ..           |
| Cost .....                         | \$                                       | 40,736                 | 15       | 15        | 40,751                  | 132                    | 767                       | 41,650     | 420,908                  | ..           |
| Other oil - Quantity .....         | gal.                                     | 8,261                  | 3,751    | 5,755     | 14,016                  | 20                     | 39                        | 14,075     | 261,337                  | ..           |
| Cost .....                         | \$                                       | 9,315                  | 4,996    | 7,706     | 17,021                  | 11                     | 37                        | 17,069     | 322,929                  | ..           |
| Average number of employees:       |  |                        |          |           |                         |                        |                           |            |                          |              |
| Pilots and co-pilots .....         | No.                                      | 1,027                  | 237      | 490       | 1,517                   | ..                     | ..                        | ..         | ..                       | ..           |
| Other flight personnel .....       | "  | 1,048                  | 15       | 37        | 1,085                   | ..                     | ..                        | ..         | ..                       | ..           |
| General management .....           | "  | 311                    | 85       | 160       | 471                     | ..                     | ..                        | ..         | ..                       | ..           |
| Maintenance labour .....           | "  | 3,722                  | 305      | 525       | 4,247                   | ..                     | ..                        | ..         | ..                       | ..           |
| Aircraft & traffic servicing ..... | "  | 5,069                  | 100      | 136       | 5,205                   | ..                     | ..                        | ..         | ..                       | ..           |
| Other personnel .....              | "  | 4,628                  | 177      | 276       | 4,904                   | ..                     | ..                        | ..         | ..                       | ..           |
| Totals .....                       | "  | 15,805                 | 935      | 1,624     | 17,429                  | 248                    | 729                       | 18,406     | 18,427                   | ..           |
| Salaries and wages paid:           |  |                        |          |           |                         |                        |                           |            |                          |              |
| Pilots and co-pilots .....         | \$                                       | 1,250,635              | 189,601  | 132,041   | 1,572,277               | ..                     | ..                        | ..         | ..                       | ..           |
| Other flight personnel .....       | \$                                       | 493,470                | 10,295   | 8,171     | 511,936                 | ..                     | ..                        | ..         | ..                       | ..           |
| General management .....           | \$                                       | 280,144                | 54,659   | 106,104   | 386,248                 | ..                     | ..                        | ..         | ..                       | ..           |
| Maintenance labour .....           | \$                                       | 2,097,068              | 126,428  | 97,638    | 2,321,134               | ..                     | ..                        | ..         | ..                       | ..           |
| Aircraft & traffic servicing ..... | \$                                       | 2,512,269              | 39,908   | 11,452    | 2,563,629               | ..                     | ..                        | ..         | ..                       | ..           |
| Other personnel .....              | \$                                       | 2,353,180              | 62,848   | 35,875    | 2,431,903               | ..                     | ..                        | ..         | ..                       | ..           |
| Totals .....                       | \$                                       | 8,966,766              | 483,739  | 336,622   | 9,787,127               | 135,019                | 354,236                   | 10,276,382 | 110,405,498              | ..           |

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

(2) See "Foreign Carriers", page 7, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Group I carriers.

(6) Excludes chartered aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(7) These data exclude non-transportation services, except for hours flown.

(8) Includes excess baggage.

(9) Data in Tables 4, 5, 6, 7, 8 and 9 included in this table.

TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group

November 1964

|                                       | Scheduled carriers |              |               | Non-scheduled carriers |             |             | Grand total   | Year to date |
|---------------------------------------|--------------------|--------------|---------------|------------------------|-------------|-------------|---------------|--------------|
|                                       | dollars            |              |               | dollars                |             |             |               |              |
|                                       | Group I            | Group II (1) | Total         | Group III (1)          | Group IV    | Total       |               |              |
| Operating revenues:                   |                    |              |               |                        |             |             |               |              |
| Unit toll transportation:             |                    |              |               |                        |             |             |               |              |
| Passengers .....                      | 15,845,906         | 776,120      | 16,622,026    | 158,984                | 17,473      | 176,457     | 16,798,483    | 221,645,477  |
| Express .....                         | 349,322            | 19,301       | 368,623       | 8,405                  |             | 8,405       | 377,028       | 4,136,040    |
| Freight .....                         | 1,404,816          | 200,793      | 1,605,609     | 50,631                 | 2,464       | 53,095      | 1,658,704     | 16,024,357   |
| Excess baggage .....                  | 126,609            | 15,413       | 142,022       | 2,564                  | 299         | 2,863       | 144,885       | 1,591,130    |
| Mail .....                            | 1,238,042          | 111,806      | 1,349,848     | 25,853                 | 4,008       | 29,861      | 1,379,709     | 15,046,517   |
| Total unit toll transportation ..     | 18,964,695         | 1,123,433    | 20,088,128    | 246,437                | 24,244      | 270,681     | 20,358,809    | 258,443,521  |
| Bulk transportation .....             | 161,202            | 394,073      | 555,275       | 485,134                | 365,431     | 850,565     | 1,405,840     | 38,900,845   |
| Total transportation .....            | 19,125,897         | 1,517,506    | 20,643,403    | 731,571                | 389,675     | 1,121,246   | 21,764,649    | 297,344,366  |
| Other flying services .....           | 2,694              | 11,933       | 14,627        | 95,861                 | 130,565     | 226,426     | 241,053       | 5,368,970    |
| Total flying services .....           | 19,128,591         | 1,529,439    | 20,658,030    | 827,432                | 520,240     | 1,347,672   | 22,005,702    | 302,713,336  |
| Non-flying services .....             | 391,799            | 14,649       | 406,448       | 56,820                 | 50,155      | 106,975     | 513,423       | 3,876,419    |
| Total operating revenues .....        | 19,520,390         | 1,544,088    | 21,064,478    | 884,252                | 570,395     | 1,454,647   | 22,519,125    | 306,589,755  |
| Operating expenses:                   |                    |              |               |                        |             |             |               |              |
| Flying operations .....               | 4,800,534          | 593,395      | 5,393,929     | 434,450                | 346,807     | 781,257     | 6,175,186     | 77,749,629   |
| Maintenance .....                     | 4,319,018          | 518,858      | 4,837,876     | 425,210                | 264,427     | 689,637     | 5,527,513     | 62,280,710   |
| General services and administration:  |                    |              |               |                        |             |             |               |              |
| Passenger service .....               | 1,638,248          | 65,684       | 1,703,932     | ..                     | ..          | ..          | ..            | ..           |
| Aircraft and traffic servicing .....  | 3,028,693          | 263,379      | 3,292,072     | ..                     | ..          | ..          | ..            | ..           |
| Promotion and sales .....             | 3,417,524          | 122,501      | 3,540,025     | ..                     | ..          | ..          | ..            | ..           |
| General administration .....          | 1,025,791          | 96,557       | 1,122,348     | ..                     | ..          | ..          | ..            | ..           |
| Totals .....                          | 9,110,256          | 548,121      | 9,658,377     | 294,290                | 180,584     | 474,874     | 10,133,251    | 113,924,373  |
| Depreciation and amortization .....   | 2,706,520          | 134,937      | 2,841,457     | 126,821                | 96,066      | 222,887     | 3,064,344     | 30,750,056   |
| Total operating expenses .....        | 20,936,328         | 1,795,311    | 22,731,639    | 1,280,771              | 887,884     | 2,168,655   | 24,900,294    | 284,704,768  |
| Operating income (loss) .....         | Dr. 1,415,938      | Dr. 251,223  | Dr. 1,667,161 | Dr. 396,519            | Dr. 317,489 | Dr. 714,008 | Dr. 2,381,169 | 21,884,987   |
| Non-operating income - Net:           |                    |              |               |                        |             |             |               |              |
| Capital gains and losses .....        | -                  | 11,328       | 11,328        | 2,733                  | 6,789       | 9,522       | 20,850        | 827,438      |
| Interest and discounts .....          | 211,982            | 1,046        | 213,028       | 1,439                  | 1,239       | 2,678       | 215,706       | 1,969,407    |
| Miscellaneous non-operating income .. | Dr. 15,420         | Dr. 11,218   | Dr. 26,638    | Dr. 6,328              | 663         | Dr. 5,665   | Dr. 32,303    | Dr. 25,228   |
| Income before interest expense .....  | Dr. 1,219,376      | Dr. 250,067  | Dr. 1,469,443 | Dr. 398,675            | Dr. 308,798 | Dr. 707,473 | Dr. 2,176,916 | 24,656,604   |
| Interest expense .....                | 944,055            | 55,087       | 999,142       | 32,365                 | 15,066      | 47,431      | 1,046,573     | 11,805,523   |
| Income before income taxes .....      | Dr. 2,163,431      | Dr. 305,154  | Dr. 2,468,585 | Dr. 431,040            | Dr. 323,864 | Dr. 754,904 | Dr. 3,223,489 | 12,851,081   |
| Provision for income taxes .....      | -                  | -            | -             | Dr. 11,000             | Cr. 12,534  | Cr. 23,534  | Cr. 23,534    | 306,031      |
| Net income after income taxes .....   | Dr. 2,163,431      | Dr. 305,154  | Dr. 2,468,585 | Dr. 420,040            | Dr. 311,330 | Dr. 731,370 | Dr. 3,199,953 | 12,545,052   |

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

(2) Data in Tables 3, 8 and 10 included in this table.

TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

November 1964

- 11 -

|                                       | Canadian<br>Pacific<br>Air Lines | Eastern<br>Provincial<br>Airways<br>(1963) | Pacific<br>Western<br>Airlines | Quebecair<br>Inc. | Transair<br>Ltd. | Trans-<br>Canada<br>Air Lines | Total         | Year<br>to<br>date |
|---------------------------------------|----------------------------------|--|--------------------------------|-------------------|------------------|-------------------------------|---------------|--------------------|
| dollars                               |                                  |  |                                |                   |                  |                               |               |                    |
| Operating revenues:                   |                                  |  |                                |                   |                  |                               |               |                    |
| Unit toll transportation:             |                                  |  |                                |                   |                  |                               |               |                    |
| Passengers .....                      | 3,425,710                        | 144,972                                    | 298,668                        | 215,271           | 117,209          | 12,420,196                    | 16,622,026    | 218,819,605        |
| Express .....                         | 11,379                           | 4,395                                      | 12,451                         | -                 | 2,455            | 337,943                       | 368,623       | 4,026,416          |
| Freight .....                         | 346,329                          | 54,165                                     | 92,341                         | 37,198            | 17,089           | 1,058,487                     | 1,605,609     | 14,949,297         |
| Excess baggage .....                  | 39,757                           | 2,942                                      | 6,530                          | 5,202             | 739              | 86,852                        | 142,022       | 1,531,386          |
| Mail .....                            | 248,462                          | 29,034                                     | 51,212                         | 7,602             | 23,958           | 989,580                       | 1,349,848     | 14,570,623         |
| Total unit toll transportation ..     | 4,071,637                        | 235,508                                    | 461,202                        | 265,273           | 161,450          | 14,893,058                    | 20,088,128    | 253,847,327        |
| Bulk transportation .....             | 27,871                           | 114,018                                    | 95,992                         | 1,150             | 182,913          | 133,331                       | 555,275       | 18,649,941         |
| Total transportation .....            | 4,099,508                        | 349,526                                    | 557,194                        | 266,423           | 344,363          | 15,026,389                    | 20,643,403    | 272,497,268        |
| Other flying services .....           | -                                | 11,933                                     | -                              | -                 | -                | 2,694                         | 14,627        | 311,150            |
| Total flying services .....           | 4,099,508                        | 361,459                                    | 557,194                        | 266,423           | 344,363          | 15,029,083                    | 20,658,030    | 272,808,418        |
| Non-flying services .....             | 97,506                           | 235  | 955                            | 9,061             | 4,398            | 294,293                       | 406,448       | 2,269,714          |
| Total operating revenues .....        | 4,197,014                        | 361,694                                    | 558,149                        | 275,484           | 348,761          | 15,323,376                    | 21,064,478    | 275,078,132        |
| Operating expenses:                   |                                  |  |                                |                   |                  |                               |               |                    |
| Flying operations .....               | 1,490,317                        | 142,640                                    | 242,015                        | 73,078            | 135,662          | 3,310,217                     | 5,393,929     | 65,907,442         |
| Maintenance .....                     | 645,897                          | 168,163                                    | 141,326                        | 69,850            | 139,519          | 3,673,121                     | 4,837,876     | 54,239,819         |
| General services and administrations: |                                  |  |                                |                   |                  |                               |               |                    |
| Passenger service .....               | 363,291                          | 19,342                                     | 22,355                         | 8,375             | 15,612           | 1,274,957                     | 1,703,932     | 19,671,875         |
| Aircraft and traffic servicing .....  | 512,098                          | 90,555                                     | 130,137                        | 26,412            | 16,275           | 2,516,595                     | 3,292,072     | 37,325,494         |
| Promotion and sales .....             | 889,009                          | 9,169                                      | 22,748                         | 50,233            | 40,351           | 2,528,515                     | 3,540,025     | 40,899,529         |
| General administration .....          | 222,362                          | 14,262                                     | 36,544                         | 28,382            | 17,369           | 803,429                       | 1,122,348     | 11,130,012         |
| Totals .....                          | 1,986,760                        | 133,328                                    | 211,784                        | 113,402           | 89,607           | 7,123,496                     | 9,658,377     | 109,026,910        |
| Depreciation and amortization .....   | 173,631                          | 53,831                                     | 28,277                         | 32,648            | 20,181           | 2,532,889                     | 2,841,457     | 28,115,411         |
| Total operating expenses .....        | 4,296,605                        | 497,962                                    | 623,402                        | 288,978           | 384,969          | 16,639,723                    | 22,731,639    | 257,289,582        |
| Operating income (loss) .....         | Dr. 99,591                       | Dr. 136,268                                | Dr. 65,253                     | Dr. 13,494        | Dr. 36,208       | Dr. 1,316,347                 | Dr. 1,667,161 | 17,788,550         |
| Non-operating income - Net:           |                                  |  |                                |                   |                  |                               |               |                    |
| Capital gains and losses .....        | -                                | -  | 10,025                         | -                 | 1,303            | -                             | 11,328        | 513,213            |
| Interest and discounts .....          | 35,211                           | 106  | -                              | -                 | 940              | 176,771                       | 213,028       | 1,933,880          |
| Miscellaneous non-operating income .. | Dr. 29,778                       | 23   | Dr. 9,908                      | Dr. 1,120         | 213              | Dr. 14,358                    | Dr. 26,638    | 25,451             |
| Income before interest expense .....  | Dr. 94,158                       | Dr. 136,139                                | Dr. 65,136                     | Dr. 14,614        | Dr. 34,178       | Dr. 1,125,218                 | Dr. 1,469,443 | 20,261,094         |
| Interest expense .....                | -                                | 27,318                                     | 10,192                         | 12,560            | 5,017            | 944,055                       | 999,142       | 11,173,862         |
| Income before income taxes .....      | Dr. 94,158                       | Dr. 163,457                                | Dr. 75,328                     | Dr. 27,174        | Dr. 39,195       | Dr. 2,069,273                 | Dr. 2,468,585 | 9,087,232          |
| Provision for income taxes .....      | -                                | -  | -                              | -                 | -                | -                             | -             | -                  |
| Net income after income taxes .....   | Dr. 94,158                       | Dr. 163,457                                | Dr. 75,328                     | Dr. 27,174        | Dr. 39,195       | Dr. 2,069,273                 | Dr. 2,468,585 | 9,087,232          |

November 1964

See footnotes at end of table.



TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Continued

November 1964

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|   | Group I carriers           |                        |             | Group II carriers                 |                              |                    |                   |            | Grand total |
|---|----------------------------|------------------------|-------------|-----------------------------------|------------------------------|--------------------|-------------------|------------|-------------|
|   | Canadian Pacific Air Lines | Trans-Canada Air Lines | Total       | Eastern Provincial Airways (1963) | Pacific Western Airlines (1) | Quebecair Inc. (1) | Transair Ltd. (1) | Total (1)  |             |
| Revenue transportation services - Concluded:      |                            |                        |             |                                   |                              |                    |                   |            |             |
| Unit toll - Concluded:                            |                            |                        |             |                                   |                              |                    |                   |            |             |
| Goods ton-miles - Concluded:                      |                            |                        |             |                                   |                              |                    |                   |            |             |
| Excess baggage - Scheduled .....                  | 67,907                     | 164,411                | 232,318     | 1,056                             | 3,245                        | 1,982              | 793               | 7,076      | 239,394     |
| Non-scheduled .....                               | 124                        | -                      | 124         | 1,497                             | 113                          | 2,976              | 32                | 4,618      | 4,742       |
| Totals .....                                      | 68,031                     | 164,411                | 232,442     | 2,553                             | 3,358                        | 4,958              | 825               | 11,694     | 244,136     |
| Mail - Scheduled .....                            | 203,063                    | 1,244,016              | 1,447,079   | 17,719                            | 45,113                       | 2,993              | 28,749            | 94,574     | 1,541,653   |
| Non-scheduled .....                               | 3,615                      | -                      | 3,615       | 9,274                             | 501                          | 2,543              | 5,788             | 18,106     | 21,721      |
| Totals .....                                      | 206,678                    | 1,244,016              | 1,450,694   | 26,993                            | 45,614                       | 5,536              | 34,537            | 112,680    | 1,563,374   |
| Total - Scheduled .....                           | 1,432,253                  | 5,884,820              | 7,317,073   | 134,850                           | 232,400                      | 23,298             | 44,202            | 434,750    | 7,751,823   |
| Non-scheduled .....                               | 6,980                      | -                      | 6,980       | 23,412                            | 3,882                        | 18,665             | 10,496            | 56,455     | 63,435      |
| Totals .....                                      | 1,439,233                  | 5,884,820              | 7,324,053   | 158,262                           | 236,282                      | 41,963             | 54,698            | 491,205    | 7,815,258   |
| Available ton-miles on scheduled services .....   | 15,613,290                 | 53,144,640             | 68,757,930  | 364,629                           | 1,207,084                    | 278,914            | 418,457           | 2,269,084  | 71,027,014  |
| Weight load factor on scheduled services(3) ..... | 48.2                       | 49.2                   | 49.0        | 57.4                              | 46.8                         | 68.1               | 43.2              | 32.9       | 49.0        |
| Bulk:   |                            |                        |             |                                   |                              |                    |                   |            |             |
| Departures .....                                  | 6                          | 67                     | 73          | 594                               | 1,033                        | 5                  | 204               | 1,836      | 1,909       |
| Hours flown .....                                 | 39                         | 152                    | 191         | 747                               | 794                          | 5                  | 577               | 2,123      | 2,314       |
| Miles flown .....                                 | 15,232                     | 53,840                 | 69,072      | 67,130                            | 96,368                       | 874                | 101,311           | 265,683    | 334,755     |
| Passengers carried .....                          | 324                        | 2,186                  | 2,510       | 1,599                             | 1,866                        | 12                 | 710               | 4,187      | 6,697       |
| Freight carried .....                             | -                          | -                      | -           | 200,608                           | 689,722                      | 3,000              | 520,063           | 1,413,393  | 1,413,393   |
| Passenger-miles(4) .....                          | 1,005,623                  | 2,247,789              | 3,253,412   | 301,860                           | 720,191                      | 10,062             | 1,029,148         | 2,061,261  | 5,314,673   |
| Goods ton-miles(4) .....                          | -                          | -                      | -           | 16,837                            | 28,093                       | 319                | 367,205           | 412,454    | 412,454     |
| Revenue non-transportation services:              |                            |                        |             |                                   |                              |                    |                   |            |             |
| Specialty flying - Hours flown .....              | -                          | 9                      | 9           | 60                                | -                            | -                  | -                 | 60         | 69          |
| Total - All services:                             |                            |                        |             |                                   |                              |                    |                   |            |             |
| Traffic, hours and miles:(5)                      |                            |                        |             |                                   |                              |                    |                   |            |             |
| Revenue:  |                            |                        |             |                                   |                              |                    |                   |            |             |
| Departures .....                                  | 1,627                      | 10,762                 | 12,389      | 1,402                             | 2,391                        | 933                | 1,019             | 5,745      | 18,134      |
| Hours flown .....                                 | 3,051                      | 13,676                 | 16,727      | 1,566                             | 2,165                        | 768                | 1,542             | 6,041      | 22,768      |
| Miles flown .....                                 | 1,064,001                  | 3,858,311              | 4,922,312   | 197,001                           | 305,199                      | 132,238            | 241,291           | 875,729    | 5,798,041   |
| Cargo carried .....                               | 36,951                     | 322,474                | 359,425     | 8,087                             | 15,466                       | 8,020              | 4,853             | 36,426     | 395,851     |
| Goods carried .....                               | 829,609                    | 7,391,605              | 8,221,214   | 689,621                           | 1,595,634                    | 180,479            | 615,745           | 3,081,479  | 11,302,693  |
| Passenger-miles(4) .....                          | 1,104,070                  | 10,352,283             | 11,456,353  | 852,156                           | 1,777,319                    | 246,488            | 696,987           | 3,572,950  | 15,029,303  |
| Goods ton-miles(4) .....                          | 62,903,494                 | 205,015,056            | 267,919,550 | 1,945,428                         | 4,086,903                    | 2,418,157          | 2,412,358         | 10,862,846 | 278,782,396 |
| Goods ton-miles(4) .....                          | 1,439,233                  | 5,884,820              | 7,324,053   | 175,099                           | 264,375                      | 42,282             | 421,903           | 903,659    | 8,227,712   |

See footnotes at end of table.



TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

November 1965

|   | Group I carriers           |                        |            | Group II carriers                 |                              |                    |                   |           | Grand total |
|---|----------------------------|------------------------|------------|-----------------------------------|------------------------------|--------------------|-------------------|-----------|-------------|
|   | Canadian Pacific Air Lines | Trans-Canada Air Lines | Total      | Eastern Provincial Airways (1963) | Pacific Western Airlines (1) | Quebecair Inc. (1) | Transair Ltd. (1) | Total (1) |             |
| <b>Total - All services - Concluded:</b>  |                            |                        |            |                                   |                              |                    |                   |           |             |
| Traffic, hours and miles - Concluded: (5) |                            |                        |            |                                   |                              |                    |                   |           |             |
| Non-revenue:                              |                            |                        |            |                                   |                              |                    |                   |           |             |
| Hours flown .....                         | 83                         | 270                    | 353        | 99                                | 127                          | 22                 | 57                | 305       | 658         |
| Passengers carried .....                  | 2,088                      | --                     | 2,088      | 376                               | 323                          | 109                | 105               | 913       | 3,001       |
| Goods carried .....                       | 119,592                    | --                     | 119,592    | 11,376                            | 55,546                       | --                 | 10,712            | 77,636    | 197,226     |
| Passenger-miles .....                     | 4,944,546                  | 11,369,567             | 16,314,113 | 96,470                            | 55,340                       | 29,345             | 50,552            | 231,707   | 16,545,820  |
| Goods ton-miles .....                     | 160,093                    | 385,068                | 545,161    | 3,171                             | 15,298                       | --                 | 2,787             | 21,256    | 566,417     |
| <b>Fuel and oil consumed:</b>             |                            |                        |            |                                   |                              |                    |                   |           |             |
| Turbo fuel - Quantity .....               | 2,988,333                  | 10,937,404             | 13,925,737 | 123,654                           | --                           | 122,128            | 58,036            | 303,818   | 14,229,555  |
| Cost .....                                | 496,575                    | 1,449,145              | 1,945,720  | 25,967                            | --                           | 25,647             | 13,160            | 64,774    | 2,010,494   |
| Gasoline - Quantity .....                 | 406,683                    | --                     | 406,683    | 69,805                            | 249,589                      | 18,336             | 132,100           | 489,830   | 896,513     |
| Cost .....                                | 113,131                    | --                     | 113,131    | 23,455                            | 93,150                       | 6,051              | 58,072            | 180,728   | 293,859     |
| Turbo oil - Quantity .....                | 371                        | 7,334                  | 7,705      | 62                                | --                           | 281                | 6                 | 349       | 8,054       |
| Cost .....                                | 3,111                      | 35,650                 | 38,761     | 930                               | --                           | 985                | 60                | 1,975     | 40,736      |
| Other oil - Quantity .....                | 2,097                      | --                     | 2,097      | 1,073                             | 2,870                        | 741                | 1,480             | 6,164     | 8,261       |
| Cost .....                                | 2,182                      | --                     | 2,182      | 1,341                             | 3,587                        | 593                | 1,612             | 7,133     | 9,315       |
| <b>Average number of employees:</b>       |                            |                        |            |                                   |                              |                    |                   |           |             |
| Pilots and co-pilots .....                | 216                        | 611                    | 827        | 57                                | 72                           | 28                 | 43                | 200       | 1,027       |
| Other flight personnel .....              | 242                        | 727                    | 969        | 13                                | 32                           | 13                 | 21                | 79        | 1,048       |
| General management .....                  | 116                        | 66                     | 182        | 8                                 | 52                           | 50                 | 19                | 129       | 311         |
| Maintenance labour .....                  | 534                        | 2,627                  | 3,161      | 188                               | 182                          | 71                 | 120               | 561       | 3,722       |
| Aircraft and traffic servicing .....      | 857                        | 3,838                  | 4,695      | 107                               | 104                          | 116                | 47                | 374       | 5,069       |
| Other personnel .....                     | 700                        | 3,811                  | 4,511      | 34                                | 24                           | 8                  | 51                | 117       | 4,628       |
| Total employees .....                     | 2,665                      | 11,680                 | 14,345     | 407                               | 466                          | 286                | 301               | 1,460     | 15,805      |
| <b>Salaries and wages:</b>                |                            |                        |            |                                   |                              |                    |                   |           |             |
| Pilots and co-pilots .....                | 253,982                    | 826,902                | 1,080,884  | 47,983                            | 62,616                       | 22,743             | 36,409            | 169,751   | 1,250,635   |
| Other flight personnel .....              | 131,993                    | 332,878                | 464,871    | 4,218                             | 13,776                       | 3,399              | 7,206             | 28,599    | 493,470     |
| General management .....                  | 102,226                    | 111,654                | 213,880    | 8,116                             | 28,488                       | 21,064             | 12,596            | 66,284    | 280,144     |
| Maintenance labour .....                  | 302,625                    | 1,547,236              | 1,849,861  | 77,054                            | 95,278                       | 30,661             | 43,214            | 247,207   | 2,097,068   |
| Aircraft and traffic servicing .....      | 379,145                    | 1,969,198              | 2,348,343  | 37,544                            | 65,411                       | 38,496             | 22,475            | 163,926   | 2,512,269   |
| Other personnel .....                     | 287,911                    | 2,013,495              | 2,301,406  | 13,029                            | 4,624                        | 3,856              | 10,265            | 31,774    | 2,333,180   |
| Total salaries and wages .....            | 1,457,882                  | 6,801,363              | 8,259,245  | 187,944                           | 267,193                      | 120,219            | 132,165           | 707,521   | 8,966,766   |

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Excludes Trans-Canada Air Lines.

(3) Standard passenger weight used: 200 pounds.

(4) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(5) These data exclude non-transportation services, except for hours flown.

TABLE 5. Revenue Interline Traffic(1), Canadian Scheduled Carriers - All Services, by Company

November 1964

|                                | Canadian<br>Pacific<br>Air Lines | Eastern<br>Provincial<br>Airways<br>(1963) | Pacific<br>Western<br>Airlines | Quebecair<br>Inc. | Transair<br>Ltd. | Trans-<br>Canada<br>Air Lines | Total      |
|--------------------------------|----------------------------------|--|--------------------------------|-------------------|------------------|-------------------------------|------------|
| <b>Passengers carried:</b>     |                                  |  |                                |                   |                  |                               |            |
| Originated .....               | 30,280                           | 5,202                                      | 12,860                         | 8,008             | 3,853            | 272,282                       | 332,485    |
| Domestic interline .....       | 2,807                            | 1,286                                      | -                              | -                 | -                | 48,006                        | 55,454     |
| Foreign interline .....        | 3,355                            | -  | -                              | -                 | -                | -                             | -          |
| Totals(2) .....                | 36,442                           | 6,488                                      | 12,860                         | 8,008             | 3,853            | 320,288                       | 387,939    |
| <b>Express carried:</b>        |                                  |  |                                |                   |                  |                               |            |
| Originated .....               | 55,708                           | 18,046                                     | 34,186                         | -                 | 9,217            | 949,405                       | 1,066,562  |
| Domestic interline .....       | -                                | -  | -                              | -                 | -                | -                             | -          |
| Foreign interline .....        | -                                | -  | -                              | -                 | -                | -                             | -          |
| Totals(2) .....                | 55,708                           | 18,046                                     | 34,186                         | -                 | 9,217            | 949,405                       | 1,066,562  |
| <b>Freight carried:</b>        |                                  |  |                                |                   |                  |                               |            |
| Originated .....               | 655,057                          | 470,967                                    | 815,257                        | 177,479           | 47,000           | 6,442,200                     | 8,607,960  |
| Domestic interline .....       | 14,922                           | -  | -                              | -                 | -                | -                             | 14,922     |
| Foreign interline .....        | 32,931                           | -  | -                              | -                 | -                | -                             | 32,931     |
| Totals(2) .....                | 702,910                          | 470,967                                    | 815,257                        | 177,479           | 47,000           | 6,442,200                     | 8,655,813  |
| <b>Excess baggage carried:</b> |                                  |  |                                |                   |                  |                               |            |
| Originated .....               | 52,833                           | 12,141                                     | 17,512                         | 29,077            | 3,785            | ..                            | 115,348(3) |
| Domestic interline .....       | -                                | -  | -                              | -                 | -                | ..                            | ..         |
| Foreign interline .....        | -                                | -  | -                              | -                 | -                | ..                            | ..         |
| Totals(2) .....                | 52,833                           | 12,141                                     | 17,512                         | 29,077            | 3,785            | ..                            | 115,348(3) |
| <b>Mail carried:</b>           |                                  |  |                                |                   |                  |                               |            |
| Originated .....               | 221,628                          | 150,394                                    | 151,447                        | 36,932            | 25,829           | 2,960,678                     | 3,546,908  |
| Domestic interline .....       | -                                | -  | -                              | -                 | -                | -                             | -          |
| Foreign interline .....        | -                                | -  | -                              | -                 | -                | -                             | -          |
| Totals(2) .....                | 221,628                          | 150,394                                    | 151,447                        | 36,932            | 25,829           | 2,960,678                     | 3,546,908  |

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Board.

(2) Excludes division interline.

(3) Excludes Group I carriers.

TABLE 6. Operating Statistics, Canadian International Carriers - All Revenue Services, by area of Service

November 1964

|   | Trans-Border Services | Trans-Atlantic and Polar Services | Southern Services | Pacific and Orient Services | Total International Services | Domestic Services | Grand total |
|---|-----------------------|-----------------------------------|-------------------|-----------------------------|------------------------------|-------------------|-------------|
| Unit toll:  |                       |                                   |                   |                             |                              |                   |             |
| Departures .....                                      | 1,571                 | 324                               | 311               | 96                          | 2,302                        | 10,014            | 12,316      |
| Hours flown .....                                     | 2,337                 | 1,129                             | 820               | 604                         | 4,890                        | 11,637            | 16,527      |
| Miles flown: .....                                    | 532,430               | 522,333                           | 365,268           | 266,985                     | 1,687,016                    | 3,029,250         | 4,716,266   |
| Scheduled - Regular .....                             | 521,286               | 521,453                           | 364,941           | 266,985                     | 1,674,665                    | 2,953,390         | 4,628,055   |
| Extra sections .....                                  | 18,771                | 2,908                             | 2,734             | -                           | 24,413                       | 159,993           | 184,406     |
| Non-scheduled .....                                   | -                     | -                                 | -                 | -                           | -                            | 40,779            | 40,779      |
| Totals .....  | 540,057               | 524,361                           | 367,675           | 266,985                     | 1,699,078                    | 3,154,162         | 4,853,240   |
| Ratio of regular miles flown to miles scheduled ..... | 97.9                  | 99.8                              | 99.9              | 100.0                       | 99.3                         | 97.5              | 98.1        |
| Passengers carried .....                              | ...                   | ...                               | ...               | ...                         | 109,744                      | 247,171           | 356,915     |
| Cargo carried .....                                   | ...                   | ...                               | ...               | ...                         | 3,226,456                    | 4,994,758         | 8,221,214   |
| Mail carried .....                                    | ...                   | ...                               | ...               | ...                         | 372,956                      | 2,809,350         | 3,182,306   |
| Passenger-miles .....                                 | 28,803,783            | 33,965,439                        | 25,193,299        | 17,786,443                  | 105,748,964                  | 158,917,174       | 264,666,138 |
| Available seat-miles on scheduled services .....      | 44,624,283            | 67,068,559                        | 49,249,339        | 31,472,767                  | 192,414,948                  | 268,400,354       | 460,815,302 |
| Passenger load factor on scheduled services .....     | 64.5                  | 50.6                              | 51.2              | 56.5                        | 55.0                         | 59.4              | 57.2        |
| Goods ton-miles:                                      |                       |                                   |                   |                             |                              |                   |             |
| Express .....   | 57,164                | -                                 | -                 | -                           | 57,164                       | 324,885           | 382,049     |
| Freight .....   | 321,557               | 1,211,391                         | 325,806           | 522,932                     | 2,381,686                    | 2,877,182         | 5,258,868   |
| Excess baggage .....                                  | 16,682                | 32,515                            | 39,674            | 22,474                      | 111,345                      | 121,097           | 232,442     |
| Mail .....  | 40,234                | 147,401                           | 58,503            | 100,819                     | 346,957                      | 1,103,737         | 1,450,694   |
| Totals .....  | 435,637               | 1,391,307                         | 423,983           | 646,225                     | 2,897,152                    | 4,426,901         | 7,324,053   |
| Available ton-miles on scheduled service .....        | 6,333,089             | 10,436,130                        | 6,778,319         | 4,186,650                   | 27,734,188                   | 41,023,742        | 68,757,930  |
| Weight load factor on scheduled services(1) .....     | 52.4                  | 45.9                              | 43.4              | 57.9                        | 48.6                         | 49.5              | 49.1        |
| Bulk:   |                       |                                   |                   |                             |                              |                   |             |
| Departures .....                                      | 62                    | 165                               | 23                | -                           | 250                          | ...               | ...         |
| Hours flown .....                                     | 122                   | 538                               | 109               | -                           | 769                          | ...               | ...         |
| Miles flown .....                                     | 31,672                | 58,746                            | 29,693            | -                           | 120,111                      | ...               | ...         |
| Passengers carried .....                              | 1,128                 | 1,392                             | 979               | -                           | 3,499                        | ...               | ...         |
| Goods carried .....                                   | -                     | 54,209                            | -                 | -                           | 54,209                       | ...               | ...         |
| Passenger-miles(2) .....                              | -                     | -                                 | -                 | -                           | 4,870,817                    | ...               | ...         |
| Goods ton-miles(2) .....                              | -                     | 1,354                             | -                 | -                           | 1,354                        | ...               | ...         |
| Total:  |                       |                                   |                   |                             |                              |                   |             |
| Departures .....                                      | 1,633                 | 489                               | 334               | 96                          | 2,552                        | ...               | ...         |
| Hours flown .....                                     | 2,459                 | 1,667                             | 929               | 604                         | 5,659                        | ...               | ...         |
| Miles flown .....                                     | 571,729               | 583,107                           | 397,368           | 266,985                     | 1,819,189                    | ...               | ...         |
| Passengers carried .....                              | ...                   | ...                               | ...               | ...                         | 113,243                      | ...               | ...         |
| Goods carried .....                                   | ...                   | ...                               | ...               | ...                         | 3,653,621                    | ...               | ...         |
| Passenger-miles(2) .....                              | ...                   | ...                               | ...               | ...                         | 110,619,781                  | ...               | ...         |
| Goods ton-miles(2) .....                              | 435,637               | 1,392,661                         | 423,983           | 646,225                     | 2,898,506                    | ...               | ...         |

(1) Standard passenger weight used: 200 pounds.

(2) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

TABLE 7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)

November 1964

|  | United States              |                 |           | Europe                    |                 |           |
|--|----------------------------|-----------------|-----------|---------------------------|-----------------|-----------|
|  | To                         | From            | Total     | To                        | From            | Total     |
| Passengers carried:                          |                            |                 |           |                           |                 |           |
| Unit toll ..... No.                          | 72,739                     | 70,228          | 142,967   | 9,922                     | 13,907          | 23,829    |
| Bulk ..... "                                 | 1,145                      | 701             | 1,846     | 366                       | 364             | 730       |
| Totals ..... "                               | 73,884                     | 70,929          | 144,813   | 10,288                    | 14,271          | 24,559    |
| Freight, express and excess baggage carried: |                            |                 |           |                           |                 |           |
| Unit toll ..... lb.                          | 581,464                    | 2,336,758       | 2,918,222 | 519,992                   | 1,786,442       | 2,306,434 |
| Bulk ..... "                                 | -                          | -               | -         | -                         | 22,046          | 22,046    |
| Totals ..... "                               | 581,464                    | 2,336,758       | 2,918,222 | 519,992                   | 1,808,488       | 2,328,480 |
| Mail carried (unit toll) ..... "             | 132,911                    | 233,809         | 366,720   | 123,985                   | 150,888         | 274,873   |
|  | All other areas            |                 |           | Totals                    |                 |           |
|  | To                         | From            | Total     | To                        | From            | Total     |
| Passengers carried:                          |                            |                 |           |                           |                 |           |
| Unit toll ..... &... No.                     | 5,179                      | 4,997           | 10,176    | 87,840                    | 89,132          | 176,972   |
| Bulk ..... "                                 | -                          | 95              | 95        | 1,511                     | 1,160           | 2,671     |
| Totals ..... "                               | 5,179                      | 5,092           | 10,271    | 89,351                    | 90,292          | 179,643   |
| Freight, express and excess baggage carried: |                            |                 |           |                           |                 |           |
| Unit toll ..... lb.                          | 193,719                    | 139,822         | 333,541   | 1,295,175                 | 4,263,022       | 5,558,197 |
| Bulk ..... "                                 | -                          | -               | -         | -                         | 22,046          | 22,046    |
| Totals ..... "                               | 193,719                    | 139,822         | 333,541   | 1,295,175                 | 4,285,068       | 5,580,243 |
| Mail carried (unit toll) ..... "             | 23,165                     | 23,468          | 46,633    | 280,061                   | 408,165         | 688,226   |
|  | Total by Canadian carriers |                 |           | Total by Foreign carriers |                 |           |
|  | Leaving Canada             | Entering Canada | Total     | Leaving Canada            | Entering Canada | Total     |
| Passengers carried:                          |                            |                 |           |                           |                 |           |
| Unit toll ..... No.                          | 52,788                     | 53,338          | 106,126   | 35,052                    | 35,794          | 70,846    |
| Bulk ..... "                                 | 996                        | 716             | 1,712     | 515                       | 444             | 959       |
| Totals ..... "                               | 53,784                     | 54,054          | 107,838   | 35,567                    | 36,238          | 71,805    |
| Freight, express and excess baggage carried: |                            |                 |           |                           |                 |           |
| Unit toll ..... lb.                          | 878,275                    | 2,225,442       | 3,103,717 | 416,900                   | 2,037,580       | 2,454,480 |
| Bulk ..... "                                 | -                          | -               | -         | -                         | 22,046          | 22,046    |
| Totals ..... "                               | 878,275                    | 2,225,442       | 3,103,717 | 416,900                   | 2,059,626       | 2,476,526 |
| Mail carried (unit toll) ..... "             | 165,593                    | 184,844         | 350,437   | 114,468                   | 223,321         | 337,789   |

(1) Passengers and goods in transit through Canada are excluded.

TABLE 8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service

November 1964

|                                      | Fixed wing aircraft |                |               |                | Helicopters   |                |               |                |
|--------------------------------------|---------------------|----------------|---------------|----------------|---------------|----------------|---------------|----------------|
|                                      | Month               |                | Year to date  |                | Month         |                | Year to date  |                |
|                                      | Revenue hours       | Revenue earned | Revenue hours | Revenue earned | Revenue hours | Revenue earned | Revenue hours | Revenue earned |
| Type of service:                     | No.                 | \$             | No.           | \$             | No.           | \$             | No.           | \$             |
| Aerial advertising .....             | 3                   | 277            | 24            | 2,363          | 3             | 391            | 167           | 15,798         |
| Aerial fish cultivation .....        | -                   | -              | 9             | 1,005          | -             | -              | -             | -              |
| Aerial patrol and inspection .....   | 326                 | 31,198         | 9,969         | 1,075,838      | 350           | 35,848         | 5,541         | 562,705        |
| Aerial pest control .....            | -                   | Dr. 423        | 5,477         | 714,269        | -             | -              | -             | -              |
| Aerial photography and survey .....  | 83                  | 39,191         | 2,914         | 439,733        | 46            | 3,790          | 405           | 33,955         |
| Aerial photography (excl. survey) .. | 69                  | 4,532          | 1,467         | 288,135        | 17            | 849            | 186           | 12,775         |
| Aircraft rental .....                | 31                  | 491            | 820           | 21,485         | -             | -              | 3             | 250            |
| Flying training .....                | 2,278               | 44,645         | 33,092        | 576,603        | 14            | 700            | 223           | 16,450         |
| Geophysical survey .....             | 376                 | 63,896         | 7,107         | 771,130        | -             | -              | 1,225         | 289,045        |
| Non-transportation charter .....     | 15                  | 2,674          | 828           | 75,242         | -             | -              | 2             | 509            |
| Philanthropic .....                  | -                   | -              | -             | -              | -             | -              | -             | -              |
| Recreational flying .....            | 765                 | 15,647         | 11,608        | 251,562        | -             | -              | 71            | 7,099          |
| Specialty flying - Other .....       | 1                   | 72             | 594           | 215,085        | 8             | 1,747          | 189           | 13,979         |
| Totals .....                         | 3,947               | 202,200        | 73,909        | 4,432,450      | 438           | 43,325         | 8,012         | 952,565        |

TABLE 9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV

November 1964

|                                       | Carriers operating helicopters only |              | Carriers operating both helicopters and fixed wing aircraft |              | Total   |              |
|---------------------------------------|-------------------------------------|--------------|---|--------------|---------|--------------|
|                                       | Month                               | Year to date | Month   | Year to date | Month   | Year to date |
| Carriers reporting .....              | No. 14                              | ...          | 7   | ...          | 21      | ...          |
| Helicopters - Owned .....             | " 138                               | 118          | 14  | 15           | 152     | 133          |
| Leased .....                          | " 10                                | 12           | 2   | 1            | 12      | 13           |
| Totals .....                          | " 148                               | 130          | 16  | 16           | 164     | 146          |
| Revenue hours flown - Unit toll ..... | " 3                                 | 47           | -   | -            | 3       | 47           |
| Bulk .....                            | " 2,089                             | 52,400       | 195   | 3,237        | 2,383   | 55,637       |
| Specialty .....                       | " 349                               | 6,347        | 73  | 1,589        | 422     | 7,936        |
| Totals .....                          | " 2,441                             | 58,794       | 267   | 4,826        | 2,708   | 63,620       |
| Non-revenue hours flown .....         | " 138                               | 2,187        | 3   | 200          | 141     | 2,387        |
| Fuel and oil consumed:                |                                     |              |   |              |         |              |
| Gasoline .....                        | gal. 45,246                         | 993,264      | 5,762   | 96,337       | 51,008  | 1,089,601    |
| Cost .....                            | \$ 19,577                           | 458,687      | 2,471   | 43,398       | 22,048  | 502,085      |
| Oil .....                             | gal. 1,188                          | 16,784       | 102   | 2,188        | 1,290   | 18,972       |
| Cost .....                            | \$ 1,784                            | 28,631       | 157   | 3,129        | 1,941   | 31,760       |
| Average number of employees:          |                                     |              |   |              |         |              |
| Pilots .....                          | No. 123                             | 122          | 13  | 13           | 136     | 135          |
| Administrative .....                  | " 51                                | 48           | 2   | 7            | 53      | 55           |
| Maintenance labour .....              | " 122                               | 117          | 5   | 4            | 127     | 121          |
| Other personnel .....                 | " 8                                 | 8            | -   | -            | 8       | 8            |
| Totals .....                          | " 304                               | 295          | 20  | 24           | 324     | 319          |
| Salaries and wages:                   |                                     |              |   |              |         |              |
| Pilots .....                          | \$ 89,341                           | 1,031,946    | 9,878   | 94,601       | 99,219  | 1,126,547    |
| Administrative .....                  | \$ 26,080                           | 306,758      | 1,300   | 14,737       | 27,380  | 321,495      |
| Maintenance labour .....              | \$ 59,218                           | 652,998      | 2,759   | 40,410       | 61,977  | 693,408      |
| Other personnel .....                 | \$ 2,486                            | 24,251       | -   | -            | 2,486   | 24,251       |
| Totals .....                          | \$ 177,125                          | 2,015,953    | 13,937  | 149,748      | 191,062 | 2,165,701    |



TABLE 10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV  
November 1964

|  | Current month | Year to date |
|--|---------------|--------------|
|  | dollars       |              |
| Operating revenues:                      |               |              |
| Unit toll transportation:                |               |              |
| Passengers .....                         | -             | 133          |
| Express .....                            | -             | -            |
| Freight .....                            | -             | -            |
| Excess baggage .....                     | -             | -            |
| Mail .....                               | -             | -            |
| Total unit toll transportation .....     | -             | 133          |
| Bulk transportation .....                | 277,190       | 6,034,052    |
| Total transportation .....               | 277,190       | 6,034,185    |
| Other flying services .....              | 34,138        | 789,530      |
| Total flying services .....              | 311,328       | 6,823,715    |
| Non-flying services .....                | 22,337        | 212,865      |
| Total operating revenues .....           | 333,665       | 7,036,580    |
| Operating expenses:                      |               |              |
| Flying operations .....                  | 226,529       | 2,702,494    |
| Maintenance .....                        | 166,379       | 1,496,944    |
| General service and administration ..... | 120,102       | 784,814      |
| Depreciation and amortization .....      | 33,012        | 541,789      |
| Total operating expenses .....           | 546,022       | 5,526,041    |
| Operating income (deficit) .....         | Dr. 212,357   | 1,510,539    |
| Non-operating income:                    |               |              |
| Capital gains and losses .....           | 2,733         | 83,921       |
| Interest and discounts .....             | 293           | 423          |
| Miscellaneous non-operating income ..... | 295           | 3,958        |
| Income before interest expense .....     | Dr. 209,036   | 1,598,841    |
| Interest expense .....                   | 9,393         | 139,579      |
| Income before income taxes .....         | Dr. 218,429   | 1,459,262    |
| Provision for income taxes .....         | Cr. 9,465     | 26,806       |
| Net income after income taxes .....      | Dr. 208,964   | 1,432,456    |

CIVIL AVIATION DEFINITIONS(1)

Bulk Transportation:

- (1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4); and
- (2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).

Classification of Canadian  
Carriers by Groups

- Group I Carriers: Canadian Air Carriers licensed to perform both domestic and international scheduled services. (Trans-Canada Air Lines and Canadian Pacific Air Lines Ltd.).
- Group II Carriers: Canadian Air Carriers other than Group I carriers licensed to perform domestic scheduled services and Nordair Ltd. (2).
- Group III Carriers: Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$500,000 or over (excepting air carriers included in Group I and II).
- Group IV Carriers: Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$100,000 and over, but less than \$500,000.
- Group V Carriers: Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of less than \$100,000.

Cargo:

Air freight and air express (excluding mail and excess baggage).

Carrier, Air:

Any person who operates aircraft in or over Canada for hire or reward.

Non-Scheduled Carriers: Carriers not operating any scheduled (Class I) service.

Scheduled Carriers: Air Carriers serving designated points in accordance with a service schedule and at a toll per unit.

- (1) Reference to Classes refers to the classification of air carriers as defined by the Air Transport Board and published in the "Directory of Canadian Commercial Air Services" Queen's Printer, Ottawa.
- (2) For statistical purposes in this report, Nordair Ltd. is included with Group III carriers.

Freedoms of the Air:

- First Freedom: The privilege to fly over the territory of a foreign country without landing.
- Second Freedom: The privilege to land on the territory of a foreign country for non-traffic purposes.
- Third Freedom: The privilege to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
- Fourth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
- Fifth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the privilege to put down in a foreign country, passengers, mail and cargo coming from any such territory.

Goods: Air Cargo (freight and express) plus mail and excess baggage.

Interline Traffic:

- Domestic Interline: Passengers and goods received by a carrier at Canadian points from other Canadian Air Carriers.
- Foreign Interline: Passengers and goods received by a carrier from Foreign Air Carriers.
- Divisional Interline: Passengers and goods received from other operating divisions of the same carrier.

International Services:

- Trans-Border Services: Services between Canada and the United States.
- Southern Services: Services between Canada and Bermuda, the Caribbean, Mexico, Central or South America.
- Trans-Atlantic and Polar Services: Services between Canada and Europe.
- Pacific and Orient Services: Services between Canada and points in the Pacific Ocean or the Orient.

Load Capacity Available: Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, stewards' supplies, etc.

|                                   |  |
|-----------------------------------|--|
| <u>Load Factor, Passenger:</u>    | Ratio of revenue passenger-miles performed to available seat-miles.  |
| <u>Load Factor, Weight:</u>       | - See Weight, Load-Factor.   |
| <u>Miles:</u>                     | Statute miles of 5,280 ft.   |
| <u>Passenger:</u>                 | A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger. A round trip passenger is counted as two passengers.   |
| Passenger Load-Factor:            | - See Load Factor, Passenger.  |
| Passenger-Mile:                   | The transportation of one passenger one mile.  |
| Non-Revenue Passenger:            | A child or adult carried on a revenue transportation flight for whom no fare is collected, including company personnel.  |
| Revenue Passenger:                | A child or adult for which a fare or part of a fare is paid.   |
| <u>Seat-Miles Available:</u>      | Seats available for the transportation of passengers multiplied by the miles flown on each inter-station flight.   |
| <u>Specialty Flying Services:</u> | Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising.   |
| <u>Tons:</u>                      | Short tons of 2,000 lbs.   |
| <u>Ton-Mile:</u>                  | The transportation of one ton of goods one mile.   |
| <u>Ton-Miles Available:</u>       | Available load capacity multiplied by miles flown on each inter-station flight.  |
| <u>Unit Toll Transportation:</u>  | Public transportation of passengers and goods at a toll per unit. It includes: <ul style="list-style-type: none"><li>(i) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class I); and</li><li>(ii) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3).</li></ul> |
| <u>Weight Load Factor:</u>        | Ratio of revenue ton-miles performed to available ton-miles.   |







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## SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures are not available.
- ... Figures not appropriate or not applicable.
- Nil or zero.



## INTRODUCTION

"Civil Aviation" reports are prepared from monthly and quarterly schedules filed with the Air Transport Board and the Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly returns filed with the Dominion Bureau of Statistics by foreign air carriers operating in Canada.

For reporting purposes, Canadian air carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. These groups are described on page twenty of this publication along with other definitions. It should be noted that the definition of each of the five groups has been revised as of 1st January, 1964. This revision resulted in four former group III carriers being transferred to Group IV and 24 former Group IV carriers being transferred to Group V. It should also be noted that Nordair Ltd., classified as a Group II carrier by the Air Transport Board, is included with Group III carriers for statistical purposes. Group V comprises small air carriers required to file returns on a quarterly basis only. Data on their operations are excluded from the other carrier statistics appearing throughout the report.

Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. A complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

Domestic and international operations of Canadian carriers are combined in all tables except Table 6 which provides a breakdown of domestic and international operations for Canadian carriers operating international unit toll and bulk services.

Commencing with the January, 1964 issue, bulk transport passenger-miles and goods-ton-miles have been added to the statistical data of this report. However, because of survey limitations, this data refers only to aircraft which has a minimum authorized take-off weight on wheels in excess of 18,000 pounds. Operating data covering bulk international flights have also been added to Table 6. It should be noted, however, that the number of carriers reporting international bulk services may vary from month to month.

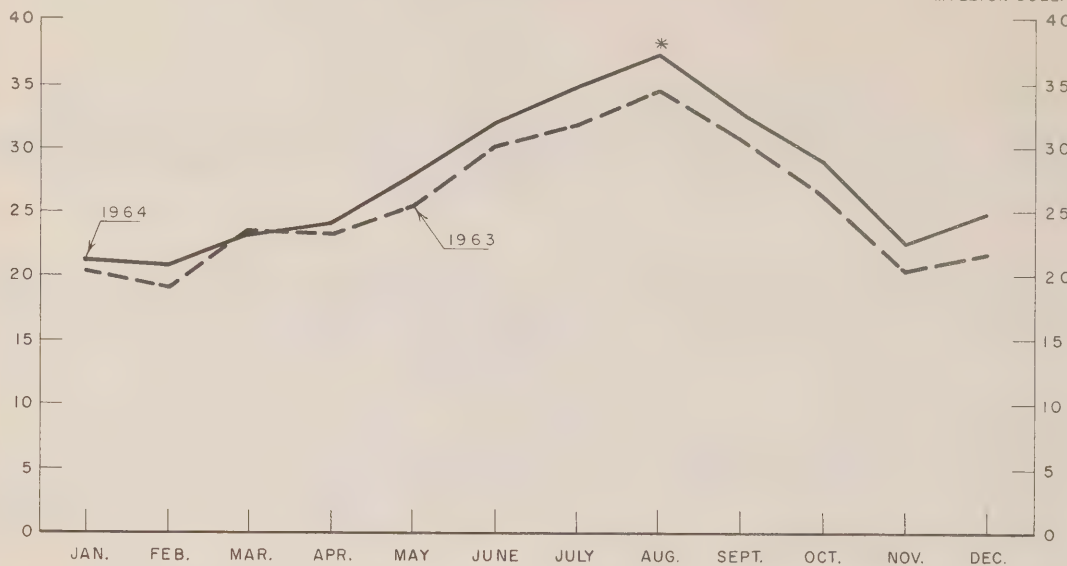
Table 7 provides data on traffic leaving and entering Canada on an area of service basis. Passengers, cargo and mail in transit through Canada are excluded. The table contains the operations of both Canadian and Foreign carriers with separate totals for each.

Also commencing with the January, 1964 issue of "Civil Aviation", data on helicopters have been expanded to include more detail. A split has been made between the use of fixed wing aircraft and helicopters for specialty flying.

# OPERATING REVENUE OF CANADIAN AIR CARRIERS 1963-1964

MILLION DOLLARS

MILLION DOLLARS

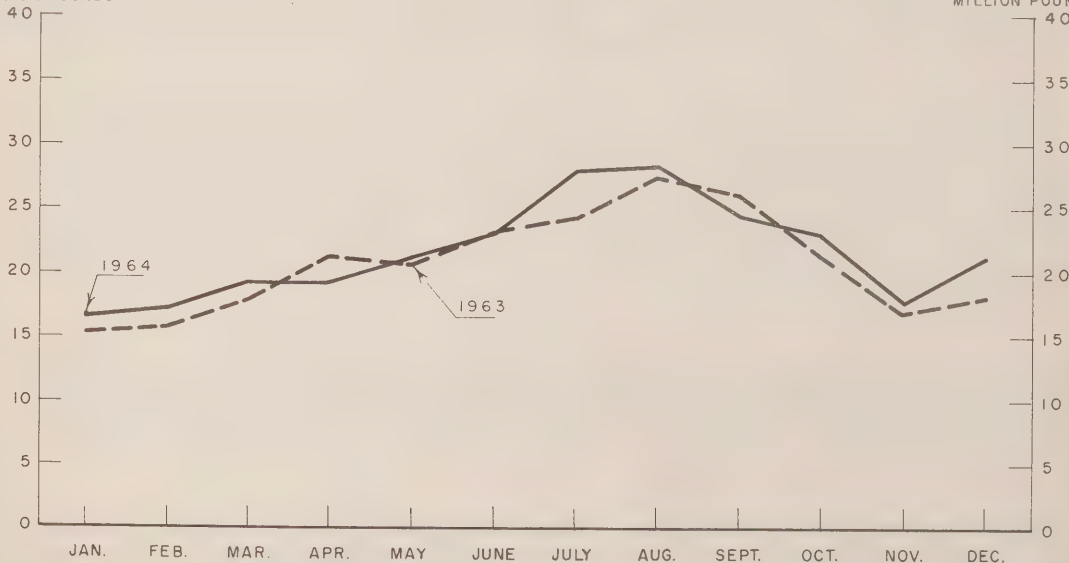


\* ALL TIME HIGH FOR SINGLE MONTH.

# REVENUE GOODS CARRIED BY CANADIAN AIR CARRIERS 1963-1964

MILLION POUNDS

MILLION POUNDS



(REVENUE GOODS = FREIGHT + EXPRESS + EXCESS BAGGAGE + MAIL)

## REVIEW OF DECEMBER OPERATIONS

Increases were reported in the transportation of revenue passengers and revenue goods carried by Canadian Air Carriers during the month of December as compared with December 1963. Passengers carried totalled 423,745, an increase of 13.1 per cent, while goods transported showed an increase of 17.3 per cent to 10,670 tons. The revenue miles flown were up 1.2 per cent to 7,210,379 miles. Passenger miles and goods ton-miles performed by Canadian carriers in unit toll and bulk services totalled 311,125,832 and 9,989,584 respectively. Unit toll services accounted for 96.3 per cent of the total passenger-miles and 93.4 per cent of the total goods ton-miles.

December operating revenues increased 13.9 per cent over December 1963 to \$24,883,056 while operating expenses increased to \$27,393,501. An operating loss of \$2,510,445 was therefore reported. This compared with an operating loss of \$5,444,120 for the same month of the previous year. A net deficit after provision for income taxes of \$4,163,679 was reported as against a net deficit of \$7,050,219 in December 1963.

Revenue hours reported flown by 13 carriers who operated 148 helicopters exclusively amounted to 1,923. Hours reported flown by 16 helicopters operated by 7 fixed wing carriers totalled 113. Operating revenues reported by helicopter operators amounted to \$187,745 while operating expenses amounted to \$678,802.

In December the six scheduled carriers transported 400,380 revenue passengers, 94.5 per cent of passengers carried by all Canadian carriers. They also carried 8,953 tons of revenue goods, 83.9 per cent of the total. Operating revenues of scheduled carriers amounted to \$23,634,095 or 95.0 per cent of the total. Operating expenses amounted to \$25,124,876 or 91.7 per cent of the total. Comparable figures for December 1963 are: passengers 93.5 per cent, goods 79.4 per cent, revenues 92.4 per cent and expenses 89.7 per cent.

Revenue passenger-miles performed by Canadian carriers in international unit toll service in December amounted to 123,847,605 or 41.3 per cent of the total unit toll passenger-miles performed by Canadian carriers. The division of international services was as follows:

| <u>Area</u>                    | <u>Percentage</u> |
|--------------------------------|-------------------|
| Trans-Border .....             | 22.0              |
| Trans-Atlantic and Polar ..... | 28.7              |
| Southern .....                 | 30.8              |
| Pacific and Orient .....       | <u>18.5</u>       |
| Total .....                    | <u>100.0</u>      |

### The Cumulative View:

The fourth quarter totals for 1964 compared with the totals for 1963 showed that revenue passengers were up 6.1 per cent to 5,741,122, while revenue goods rose 4.2 per cent to 129,589 tons. Passenger-miles and goods ton-miles performed by Canadian carriers totalled 4,372,481,155 and 105,560,420 respectively. Operating revenues rose 7.3 per cent to \$332,188,073 while operating expenses rose 5.8 per cent to \$312,098,269.

### Foreign Carriers:

Foreign carriers licensed to operate in Canada transported 77,841 revenue passengers during December, an increase of 23.7 per cent over December 1963. Revenue goods carried totalled 1,721 tons, an increase of 41.9 per cent. Foreign carriers report hours and miles flown over Canadian territory only. Statistics of passengers and goods in transit have been excluded.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

December 1964

|                                      | Canadian carriers                       |                        |          |           |                         | Foreign carriers(2)    |                           |             | Grand total all carriers | Year to date  |
|--------------------------------------|---|------------------------|----------|-----------|-------------------------|------------------------|---------------------------|-------------|--------------------------|---------------|
|                                      | Scheduled carriers<br>Group I and II(1) | Non-scheduled carriers |          |           | Total Canadian carriers | United States carriers | Other Foreign carriers(3) |             |                          |               |
|                                      |   | Group III(1)           | Group IV | Total     |                         |                        |                           |             |                          |               |
| Number of carriers reporting ...     | 6                                       | 14                     | 44       | 58        | 64                      | 10                     | 9                         | 83          | ..                       | ..            |
| Revenue transportation services:     |   |                        |          |           |                         |                        |                           |             |                          |               |
| Unit toll:                           |   |                        |          |           |                         |                        |                           |             |                          |               |
| Departures .....                     | 16,917                                  | 1,857                  | 431      | 2,288     | 19,205                  | ..                     | ..                        | ..          | ..                       | ..            |
| Hours flown .....                    | 22,285                                  | 1,900                  | 253      | 2,153     | 24,438                  | 319                    | 1,333                     | 26,090      | 316,950                  | 316,950       |
| Miles scheduled .....                | 5,507,551                               | ...                    | ...      | ...       | 5,507,551               | 84,081                 | 363,395                   | 5,955,027   | 73,215,576               | 73,215,576    |
| Miles flown:                         |   |                        |          |           |                         |                        |                           |             |                          |               |
| Scheduled .....                      | 5,734,738                               | ...                    | ...      | ...       | 5,734,738               | 78,810                 | 376,521                   | 6,190,069   | 74,956,982(4)            | 74,956,982(4) |
| Non-scheduled .....                  | 266,564                                 | 233,227                | 31,906   | 265,133   | 531,697                 | -                      | -                         | 531,697     | 7,136,219(4)             | 7,136,219(4)  |
| Totals .....                         | 6,001,302                               | 233,227                | 31,906   | 265,133   | 6,266,435               | 78,810                 | 376,521                   | 6,721,766   | 82,093,201               | 82,093,201    |
| Passengers carried .....             | 394,810                                 | 6,505                  | 3,235    | 9,740     | 404,550                 | 57,872                 | 19,224                    | 481,646     | 6,148,321                | 6,148,321     |
| Goods carried:                       |   |                        |          |           |                         |                        |                           |             |                          |               |
| Cargo .....                          | 11,095,674                              | 423,073                | 64,393   | 487,466   | 11,583,140              | 886,625                | 1,872,444                 | 14,456,550  | 143,572,091              | 143,572,091   |
| Excess baggage .....                 | 99,841                                  | 2,804                  | 11,696   | 14,500    | 114,341                 | -                      | -                         | -           | -                        | -             |
| Mail .....                           | 5,011,098                               | 177,889                | 204,358  | 382,247   | 5,215,456               | 234,991                | 394,776                   | 5,845,223   | 50,668,517               | 50,668,517    |
| Totals .....                         | 16,206,613                              | 603,766                | 102,558  | 706,324   | 16,912,937              | 1,121,616              | 2,267,220                 | 20,301,773  | 194,240,608              | 194,240,608   |
| Passenger-miles .....                | 298,198,185                             | 1,158,336              | 154,276  | 1,312,612 | 299,510,797             | 2,451,310              | 16,030,271                | 317,992,378 | 4,199,784,091            | 4,199,784,091 |
| Goods ton-miles:                     |   |                        |          |           |                         |                        |                           |             |                          |               |
| Cargo .....                          | 6,739,354                               | 109,553                | 2,858    | 112,411   | 6,851,765               | 20,443                 | 724,930                   | 7,826,922   | 75,276,651               | 75,276,651    |
| Excess baggage .....                 | 229,000                                 | 407                    | 377      | 784       | 229,784                 | -                      | -                         | -           | -                        | -             |
| Mail .....                           | 2,204,477                               | 43,832                 | 1,210    | 45,042    | 2,249,519               | 4,562                  | 168,167                   | 2,422,248   | 19,930,040               | 19,930,040    |
| Totals .....                         | 9,172,831                               | 153,792                | 4,445    | 158,237   | 9,331,068               | 25,005                 | 893,097                   | 10,249,170  | 95,206,691               | 95,206,691    |
| Bulk:                                |   |                        |          |           |                         |                        |                           |             |                          |               |
| Departures .....                     | 1,497                                   | 2,581                  | 4,160    | 6,741     | 8,238                   | ..                     | ..                        | ..          | ..                       | ..            |
| Hours flown .....                    | 2,058                                   | 3,144                  | 3,425    | 6,569     | 8,627                   | 1                      | 20                        | 8,648       | 251,850                  | 251,850       |
| Miles flown .....                    | 343,406                                 | 293,227                | 306,584  | 599,811   | 943,217                 | 200                    | 8,456                     | 951,873     | 26,452,567               | 26,452,567    |
| Passengers carried .....             | 5,570                                   | 6,448                  | 7,177    | 13,625    | 19,195                  | 238                    | 507                       | 19,940      | 599,536                  | 599,536       |
| Freight carried .....                | 1,708,996                               | 2,019,562              | 697,813  | 2,717,375 | 4,426,371               | -                      | -                         | 4,479,832   | 100,800,689              | 100,800,689   |
| Passenger-miles(6) .....             | 9,129,702                               | 2,393,136              | 92,197   | 2,485,333 | 11,615,035              | ..                     | ..                        | ..          | ..                       | ..            |
| Goods ton-miles(6) .....             | 377,648                                 | 250,045                | 30,823   | 280,868   | 658,516                 | -                      | ..                        | 658,516     | ..                       | ..            |
| Revenue non-transportation services: |   |                        |          |           |                         |                        |                           |             |                          |               |
| Specialty flying - Hours flown "     | 89                                      | 308                    | 2,863    | 3,171     | 3,260                   | -                      | -                         | 3,260       | 95,453                   | 95,453        |

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

December 1964

## Canadian carriers

|   | Scheduled carriers |              | Non-scheduled carriers |           |             | Total Canadian carriers | United States carriers | Other Foreign carriers(3) | Grand total all carriers | Year to date |
|---|--------------------|--------------|------------------------|-----------|-------------|-------------------------|------------------------|---------------------------|--------------------------|--------------|
|   | Groups I and II(1) | Group III(1) |                        |           | Total       |                         |                        |                           |                          |              |
|   |                    | Group III(1) | Group IV               | Total     |             |                         |                        |                           |                          |              |
| Total - All services:   |                    |              |                        |           |             |                         |                        |                           |                          |              |
| Revenue:  |                    |              |                        |           |             |                         |                        |                           |                          |              |
| Traffic, miles and hours:(7)  |                    |              |                        |           |             |                         |                        |                           |                          |              |
| Departures .....  | 18,414             | 4,438        | 4,591                  | 9,029     | 27,443      |                         |                        |                           |                          |              |
| Hours flown .....   | 24,432             | 5,352        | 6,541                  | 11,893    | 36,325      |                         |                        |                           |                          | 664,253      |
| Miles flown .....   | 6,344,708          | 527,181      | 338,490                | 865,671   | 7,210,379   |                         |                        |                           |                          | 108,546,495  |
| Passengers carried .....  | 400,380            | 12,953       | 10,412                 | 23,365    | 423,745     |                         |                        |                           |                          | 6,747,859    |
| Cargo carried .....   | 1b.                | 2,442,625    | 762,206                | 3,204,831 | 16,009,501  |                         |                        |                           |                          | 242,826,689  |
| Goods carried .....   |                    | 2,623,328    | 800,371                | 3,423,699 | 21,339,308  |                         |                        |                           |                          | 295,041,477  |
| Passenger-miles(6) .....  | No.                | 3,551,472    | 246,473                | 3,797,945 | 311,125,832 |                         |                        |                           |                          |              |
| Goods ton-miles(6) .....  |                    | 403,837      | 35,268                 | 439,105   | 9,989,584   |                         |                        |                           |                          |              |
| Non-revenue:  |                    |              |                        |           |             |                         |                        |                           |                          |              |
| Hours flown .....   | 572                | 372          | 232                    | 604       | 1,176       |                         |                        |                           |                          |              |
| Passengers carried .....  | "                  | 2,422        | 11                     | 77        | 2,499       |                         |                        |                           |                          | 19,672       |
| Goods carried .....   | 1b.                | 293,315      | 24,669                 | 24,669    | 317,984     |                         |                        |                           |                          |              |
| Passenger-miles .....   | No.                | 18,231,971   | 515                    | 64,769    | 18,296,740  |                         |                        |                           |                          |              |
| Goods ton-miles .....   | "                  | 1,046,523    | 14,969                 | 14,969    | 1,061,492   |                         |                        |                           |                          |              |
| Fuel and oil consumed:  |                    |              |                        |           |             |                         |                        |                           |                          |              |
| Turbo fuel - Quantity .....   | gal.               | 15,590,311   | 7,905                  | 7,905     | 15,598,216  |                         |                        |                           |                          |              |
| Cost .....  | \$                 | 2,204,125    | 2,472                  | 2,472     | 2,206,597   |                         |                        |                           |                          |              |
| Gasoline - Quantity .....   | gal.               | 943,129      | 109,162                | 444,395   | 1,387,524   |                         |                        |                           |                          |              |
| Cost .....  | \$                 | 284,613      | 46,959                 | 177,306   | 461,919     |                         |                        |                           |                          |              |
| Turbo oil - Quantity .....  | gal.               | 3,582        | 1                      | 1         | 3,583       |                         |                        |                           |                          |              |
| Cost .....  | \$                 | 34,269       | 15                     | 15        | 34,284      |                         |                        |                           |                          |              |
| Other oil - Quantity .....  | gal.               | 10,448       | 1,836                  | 5,120     | 15,368      |                         |                        |                           |                          |              |
| Cost .....  | \$                 | 11,570       | 2,652                  | 6,798     | 18,368      |                         |                        |                           |                          |              |
| Average number of employees:  |                    |              |                        |           |             |                         |                        |                           |                          |              |
| Pilots and co-pilots .....  | No.                | 1,018        | 241                    | 458       | 1,476       |                         |                        |                           |                          |              |
| Other flight personnel .....  | "                  | 1,040        | 15                     | 32        | 1,072       |                         |                        |                           |                          |              |
| General management .....  | "                  | 314          | 79                     | 149       | 463         |                         |                        |                           |                          |              |
| Maintenance labour .....  | "                  | 3,726        | 326                    | 530       | 4,256       |                         |                        |                           |                          |              |
| Aircraft & traffic servicing .....                                      | "                  | 5,103        | 98                     | 144       | 5,247       |                         |                        |                           |                          |              |
| Other personnel .....   | "                  | 4,598        | 189                    | 77        | 4,864       |                         |                        |                           |                          |              |
| Totals .....  | "                  | 15,799       | 950                    | 1,579     | 17,378      |                         |                        |                           |                          |              |
| Salaries and wages paid:  |                    |              |                        |           |             |                         |                        |                           |                          |              |
| Pilots and co-pilots .....  | \$                 | 1,251,041    | 146,733                | 339,535   | 1,590,576   |                         |                        |                           |                          |              |
| Other flight personnel .....  | "                  | 486,944      | 5,037                  | 14,776    | 501,720     |                         |                        |                           |                          |              |
| General management .....  | "                  | 282,262      | 58,345                 | 125,458   | 407,720     |                         |                        |                           |                          |              |
| Maintenance labour .....  | "                  | 2,061,540    | 126,127                | 95,007    | 2,282,674   |                         |                        |                           |                          |              |
| Aircraft & traffic servicing .....                                      | "                  | 2,759,719    | 15,676                 | 55,738    | 2,815,457   |                         |                        |                           |                          |              |
| Other personnel .....   | "                  | 2,383,453    | 83,362                 | 116,744   | 2,500,197   |                         |                        |                           |                          |              |
| Totals .....  | "                  | 9,224,959    | 354,180                | 873,385   | 10,098,344  |                         |                        |                           |                          |              |
| Group II non-scheduled carriers included with Group III for purposes of |                    |              |                        |           |             |                         |                        |                           |                          |              |
|   |                    |              |                        | 418,613   | 131,769     |                         |                        | 730                       | 18,362                   | 10,648,726   |
|   |                    |              |                        |           |             |                         |                        |                           |                          | 122,158,926  |

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

(2) See "Foreign Carriers", page 7, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Trans-Canada Airlines.

(6) Excludes chartered aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(7) These data exclude non-transportation services, except for hours flown.

(8) Includes excess baggage.

(9) Data in Tables 4, 5, 6, 7, 8 and 9 included in this table.



TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group  
December 1964

|                                       | Scheduled carriers |              |               | Non-scheduled carriers |             |               |               | Grand total | Year to date |
|---------------------------------------|--------------------|--------------|---------------|------------------------|-------------|---------------|---------------|-------------|--------------|
|                                       | Group I            | Group II (1) | Total         | Group III (1)          | Group IV    | Total         | Total         |             |              |
|                                       |                    |              |               |                        |             |               |               |             |              |
| Operating revenues:                   |                    |              |               |                        |             |               |               |             |              |
| Unit toll transportation:             |                    |              |               |                        |             |               |               |             |              |
| Passengers .....                      | 17,433,965         | 842,608      | 18,276,573    | 155,096                | 33,521      | 188,617       | 18,465,190    | 240,110,667 |              |
| Express .....                         | 397,041            | 27,070       | 424,111       | 9,917                  | 2,084       | 12,001        | 436,112       | 4,572,152   |              |
| Freight .....                         | 1,709,354          | 209,373      | 1,918,727     | 67,345                 | 2,706       | 70,051        | 1,988,778     | 18,013,135  |              |
| Excess baggage .....                  | 122,901            | 13,101       | 136,002       | 3,482                  | 751         | 4,233         | 140,235       | 1,731,365   |              |
| Mail .....                            | 1,869,207          | 172,200      | 2,041,407     | 64,117                 | 4,302       | 68,419        | 2,109,826     | 17,156,343  |              |
| Total unit toll transportation ..     | 21,532,468         | 1,264,352    | 22,796,820    | 299,957                | 43,364      | 343,321       | 23,140,141    | 281,583,662 |              |
| Bulk transportation .....             | 214,422            | 365,766      | 580,188       | 477,794                | 278,003     | 755,797       | 1,335,985     | 40,236,830  |              |
| Total transportation .....            | 21,746,890         | 1,630,118    | 23,377,008    | 777,751                | 321,367     | 1,099,118     | 24,476,126    | 321,820,492 |              |
| Other flying services .....           | 9,088              | 10,317       | 19,405        | 31,751                 | 120,439     | 152,190       | 171,595       | 6,032,111   |              |
| Total flying services .....           | 21,755,978         | 1,640,435    | 23,396,413    | 809,502                | 441,806     | 1,251,308     | 24,647,721    | 327,852,603 |              |
| Non-flying services .....             | 208,018            | 29,664       | 237,682       | 4,632                  | 6,979       | 2,347         | 235,335       | 4,335,470   |              |
| Total operating revenues .....        | 21,963,996         | 1,670,099    | 23,634,095    | 814,134                | 434,827     | 1,248,961     | 24,883,056    | 332,188,073 |              |
| Operating expenses:                   |                    |              |               |                        |             |               |               |             |              |
| Flying operations .....               | 6,442,055          | 434,555      | 6,876,610     | 283,870                | 195,100     | 478,970       | 7,355,580     | 85,390,516  |              |
| Maintenance .....                     | 4,141,156          | 640,286      | 4,781,442     | 490,497                | 355,628     | 846,125       | 5,627,567     | 68,152,081  |              |
| General services and administration:  |                    |              |               |                        |             |               |               |             |              |
| Passenger service .....               | 1,601,278          | 73,063       | 1,674,341     | ..                     | ..          | ..            | ..            | ..          |              |
| Aircraft and traffic servicing ..     | 3,369,724          | 320,401      | 3,690,125     | ..                     | ..          | ..            | ..            | ..          |              |
| Promotion and sales .....             | 3,666,132          | 156,871      | 3,823,003     | ..                     | ..          | ..            | ..            | ..          |              |
| General administration .....          | 801,187            | 133,807      | 934,994       | ..                     | ..          | ..            | ..            | ..          |              |
| Totals .....                          | 9,438,321          | 684,142      | 10,122,463    | 343,898                | 268,139     | 612,037       | 10,734,500    | 124,728,860 |              |
| Depreciation and amortization ..      | 3,304,342          | 40,020       | 3,344,362     | 89,700                 | 241,792     | 331,492       | 3,675,854     | 34,431,758  |              |
| Total operating expenses .....        | 23,325,874         | 1,799,003    | 25,124,877    | 1,207,965              | 1,060,659   | 2,268,624     | 27,393,501    | 312,703,215 |              |
| Operating income (loss) .....         | Dr. 1,361,878      | Dr. 128,904  | Dr. 1,490,782 | Dr. 393,831            | Dr. 625,832 | Dr. 1,019,663 | Dr. 2,510,445 | 19,484,858  |              |
| Non-operating income - Net:           |                    |              |               |                        |             |               |               |             |              |
| Capital gains and losses .....        | 1,152,776          | 242,416      | 1,395,192     | Dr. 13,571             | Dr. 5,144   | Dr. 18,715    | 1,376,477     | 2,216,464   |              |
| Interest and discounts .....          | 196,489            | 586          | 197,075       | 7,253                  | 599         | 7,852         | 204,927       | 2,174,334   |              |
| Miscellaneous non-operating income .. | 66,062             | Dr. 4,522    | 61,540        | 5,960                  | 230         | Dr. 5,730     | 55,810        | 47,863      |              |
| Income before interest expense .....  | 53,449             | 109,576      | 163,025       | Dr. 406,109            | Dr. 630,147 | Dr. 1,036,256 | Dr. 873,231   | 23,923,519  |              |
| Interest expense .....                | 3,249,729          | 49,959       | 3,299,688     | 29,597                 | 14,140      | 43,737        | 3,343,425     | 15,341,185  |              |
| Income before income taxes .....      | Dr. 3,196,280      | 59,617       | Dr. 3,136,663 | Dr. 435,706            | Dr. 644,287 | Dr. 1,079,993 | Dr. 4,216,656 | 8,582,334   |              |
| Provision for income taxes .....      | -                  | 7,350        | 7,350         | 5,324                  | Cr. 55,003  | Cr. 60,327    | Cr. 52,977    | 253,054     |              |
| Net income after income taxes .....   | Dr. 3,196,280      | 52,267       | Dr. 3,144,013 | Dr. 430,382            | Dr. 589,284 | Dr. 1,019,666 | Dr. 4,163,679 | 8,329,280   |              |

(1) Group II non-scheduled carriers included with Group III for purposes of this report.  
(2) Data in Tables 3, 8 and 10 included in this table.

TABLE 3. Statement of Income, Canadian Carriers - All Services, by Company

December 1964

|                                       | Canadian<br>Pacific<br>Air Lines | Eastern<br>Provincial<br>Airways<br>(1963) | Pacific<br>Western<br>Airlines | Quebecair<br>Inc. | Transair<br>Ltd. | Trans-<br>Canada<br>Air Lines | Total      | Year<br>to<br>date |
|---------------------------------------|----------------------------------|--|--------------------------------|-------------------|------------------|-------------------------------|------------|--------------------|
| dollars                               |                                  |  |                                |                   |                  |                               |            |                    |
| Operating revenues:                   |                                  |  |                                |                   |                  |                               |            |                    |
| Unit toll transportation:             |                                  |  |                                |                   |                  |                               |            |                    |
| Passengers .....                      | 3,862,916                        | 168,532                                    | 335,628                        | 213,122           | 125,326          | 13,571,049                    | 18,276,573 | 237,096,178        |
| Express .....                         | 21,125                           | 9,992                                      | 14,034                         | -                 | 3,044            | 375,916                       | 424,111    | 4,450,527          |
| Freight .....                         | 389,527                          | 56,825                                     | 95,640                         | 32,320            | 24,588           | 1,319,827                     | 1,918,727  | 16,868,024         |
| Excess baggage .....                  | 32,467                           | 2,585                                      | 5,844                          | 4,002             | 670              | 90,414                        | 136,002    | 1,667,388          |
| Mail .....                            | 366,999                          | 56,929                                     | 69,886                         | 8,321             | 36,964           | 1,502,208                     | 2,041,407  | 16,562,030         |
| Total unit toll transportation ..     | 4,673,054                        | 294,863                                    | 521,132                        | 257,765           | 190,592          | 16,859,414                    | 22,796,820 | 276,644,147        |
| Bulk transportation .....             | 48,185                           | 78,842                                     | 122,927                        | 1,431             | 162,566          | 166,237                       | 580,188    | 19,230,129         |
| Total transportation .....            | 4,721,239                        | 373,705                                    | 644,059                        | 259,196           | 353,158          | 17,025,651                    | 23,377,008 | 295,874,276        |
| Other flying services .....           | -                                | 10,317                                     | 644,059                        | -                 | -                | 9,088                         | 19,405     | 330,555            |
| Total flying services .....           | 4,721,239                        | 384,022                                    | 644,059                        | 259,196           | 353,158          | 17,034,739                    | 23,396,413 | 296,204,831        |
| Non-flying services .....             | 7,217                            | 14,202                                     | 4,293                          | 7,147             | 4,022            | 200,801                       | 237,682    | 2,507,396          |
| Total operating revenues .....        | 4,728,456                        | 398,224                                    | 648,352                        | 266,343           | 357,180          | 17,235,540                    | 23,634,095 | 298,712,227        |
| Operating expenses:                   |                                  |  |                                |                   |                  |                               |            |                    |
| Flying operations .....               | 1,593,226                        | 111,886                                    | 119,122                        | 65,430            | 138,117          | 4,848,829                     | 6,876,610  | 72,784,052         |
| Maintenance .....                     | 768,904                          | 268,035                                    | 133,567                        | 97,544            | 141,140          | 3,372,252                     | 4,781,442  | 59,021,261         |
| General services and administrations: |                                  |  |                                |                   |                  |                               |            |                    |
| Passenger service .....               | 323,219                          | 13,317                                     | 28,423                         | 16,120            | 15,203           | 1,278,059                     | 1,674,341  | 21,346,216         |
| Aircraft and traffic servicing .....  | 566,446                          | 109,627                                    | 149,100                        | 43,061            | 18,613           | 2,803,278                     | 3,690,125  | 41,015,619         |
| Promotion and sales .....             | 962,701                          | 36,949                                     | 25,842                         | 57,693            | 36,387           | 2,703,431                     | 3,823,003  | 44,722,532         |
| General administration .....          | 260,038                          | 30,171                                     | 47,567                         | 32,646            | 23,423           | 541,149                       | 934,994    | 12,065,006         |
| Totals .....                          | 2,112,404                        | 190,064                                    | 250,932                        | 149,520           | 93,626           | 7,325,917                     | 10,122,463 | 119,149,373        |
| Depreciation and amortization .....   | 183,692                          | 53,402                                     | 39,346                         | 72,926            | 20,198           | 3,120,649                     | 3,344,361  | 31,459,772         |
| Total operating expenses .....        | 4,658,226                        | 623,387                                    | 542,967                        | 239,568           | 393,081          | 18,667,647                    | 25,124,876 | 282,414,458        |
| Operating income (loss) .....         | 70,230                           | 225,163                                    | 105,385                        | 26,775            | 35,901           | 1,432,107                     | 1,490,781  | 16,297,769         |
| Non-operating income - Net:           |                                  |  |                                |                   |                  |                               |            |                    |
| Capital gains and losses .....        | 136,823                          | -  | -                              | 242,416           | -                | 1,015,953                     | 1,395,192  | 1,908,405          |
| Interest and discounts .....          | 37,776                           | 39   | -                              | -                 | 547              | 158,713                       | 197,075    | 2,130,955          |
| Miscellaneous non-operating income .. | 35,084                           | 25   | 3,341                          | 1,110             | 96               | 30,978                        | 61,340     | 86,991             |
| Income before interest expense .....  | 279,913                          | 225,099                                    | 102,044                        | 268,081           | 35,450           | 226,463                       | 163,026    | 20,424,120         |
| Interest expense .....                | 2,284,919                        | 29,193                                     | 11,244                         | 4,683             | 4,839            | 964,810                       | 3,299,688  | 14,473,550         |
| Income before income taxes .....      | Dr.                              | 254,292                                    | 90,800                         | 263,398           | 40,289           | 1,191,273                     | 3,136,662  | 5,950,570          |
| Provision for income taxes .....      | -                                | -  | 7,350                          | -                 | -                | -                             | 7,350      | 7,350              |
| Net income after income taxes .....   | Dr.                              | 254,292                                    | 83,450                         | 263,398           | 40,289           | 1,191,273                     | 3,144,012  | 5,943,220          |

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

December 1964

|   | Group I carriers           |                        |             | Group II carriers                 |                             |                   |                  |            | Grand total |
|---|----------------------------|------------------------|-------------|-----------------------------------|-----------------------------|-------------------|------------------|------------|-------------|
|   | Canadian Pacific Air Lines | Trans-Canada Air Lines | Total       | Eastern Provincial Airways (1963) | Pacific Western Airlines(1) | Quebecair Inc.(1) | Transair Ltd.(1) | Total (1)  |             |
| Revenue transportation services:                      |                            |                        |             |                                   |                             |                   |                  |            |             |
| Unit toll:  |                            |                        |             |                                   |                             |                   |                  |            |             |
| Departures .....                                      | 1,701                      | 10,880                 | 12,581      | 918                               | 1,337                       | 928               | 1,153            | 4,336      | 16,917      |
| Hours flown .....                                     | 3,383                      | 14,491                 | 17,874      | 938                               | 1,416                       | 773               | 1,284            | 4,411      | 22,285      |
| Miles scheduled .....                                 | 1,119,464                  | 3,912,423              | 5,031,887   | 63,093                            | 204,419                     | 100,940           | 107,212          | 475,664    | 5,507,551   |
| Miles flown:  |                            |                        |             |                                   |                             |                   |                  |            |             |
| Scheduled - Regular .....                             | 1,098,935                  | 3,677,044              | 4,775,979   | 58,410                            | 179,846                     | 77,772            | 104,207          | 420,235    | 5,196,214   |
| Extra section .....                                   | 53,574                     | 452,804                | 506,378     | 2,525                             | 15,734                      | 5,404             | 8,483            | 32,146     | 538,524     |
| Non-scheduled .....                                   | 38,733                     | -                      | 38,733      | 89,870                            | 22,991                      | 46,822            | 68,148           | 227,831    | 266,564     |
| Totals .....  | 1,191,242                  | 4,129,848              | 5,321,090   | 150,805                           | 218,571                     | 129,998           | 180,838          | 680,212    | 6,001,302   |
| Ratio of regular miles flown to miles scheduled ..... | 98.2                       | 94.0                   | 94.9        | 92.6                              | 88.0                        | 77.1              | 97.2             | 88.3       | 94.3        |
| Passengers carried .....                              | 42,074                     | 318,806                | 360,880     | 7,456                             | 13,643                      | 8,246             | 4,585            | 33,930     | 394,810     |
| Goods carried:  |                            |                        |             |                                   |                             |                   |                  |            |             |
| Freight .....   | 990,829                    | 7,597,476              | 8,588,305   | 499,438                           | 568,435                     | 164,564           | 159,671          | 1,392,108  | 9,980,413   |
| Express .....   | 95,530                     | 957,191                | 1,052,721   | 13,652                            | 36,161                      | -                 | 12,727           | 62,540     | 1,115,261   |
| Excess baggage .....                                  | 44,367                     | 444,367 (2)            | 488,734     | 13,589                            | 15,573                      | 22,516            | 3,796            | 55,474     | 99,841 (2)  |
| Mail .....  | 311,889                    | 4,071,555              | 4,383,444   | 225,597                           | 208,723                     | 39,052            | 154,282          | 627,654    | 5,011,098   |
| Totals .....  | 1,442,615                  | 12,626,222             | 14,068,837  | 752,276                           | 828,892                     | 226,132           | 330,476          | 2,137,776  | 16,206,613  |
| Passenger-miles:                                      |                            |                        |             |                                   |                             |                   |                  |            |             |
| Scheduled .....                                       | 69,981,022                 | 218,251,698            | 288,232,720 | 608,243                           | 3,301,543                   | 1,485,245         | 1,313,698        | 6,708,729  | 294,941,449 |
| Non-scheduled .....                                   | 963,748                    | -                      | 963,748     | 1,177,233                         | 67,060                      | 888,909           | 159,786          | 2,292,988  | 3,256,736   |
| Totals .....  | 70,944,770                 | 218,251,698            | 289,196,468 | 1,785,476                         | 3,368,603                   | 2,374,154         | 1,473,484        | 9,001,717  | 298,198,185 |
| Available seat-miles on scheduled services .....      | 144,234,464                | 373,338,260            | 517,572,724 | 1,305,178                         | 9,316,180                   | 2,799,024         | 3,605,870        | 17,026,252 | 534,598,976 |
| Passenger load factor on scheduled services .....     | 48.5                       | 58.4                   | 55.7        | 46.6                              | 35.4                        | 53.1              | 36.4             | 39.4       | 55.2        |
| Goods ton-miles:                                      |                            |                        |             |                                   |                             |                   |                  |            |             |
| Freight - Scheduled .....                             | 1,240,458                  | 4,792,238              | 6,032,696   | 29,387                            | 159,905                     | 18,407            | 15,696           | 223,395    | 6,256,091   |
| Non-scheduled .....                                   | 5,212                      | -                      | 5,212       | 4,156                             | 3,575                       | 11,944            | 8,792            | 28,467     | 33,679      |
| Totals .....  | 1,245,670                  | 4,792,238              | 6,037,908   | 33,543                            | 163,480                     | 30,351            | 24,488           | 251,862    | 6,289,770   |
| Express - Scheduled .....                             | 25,123                     | 408,615                | 433,738     | 1,350                             | 9,571                       | -                 | 2,730            | 13,651     | 447,389     |
| Non-scheduled .....                                   | 550                        | -                      | 550         | 1,492                             | -                           | -                 | 153              | 1,645      | 2,195       |
| Totals .....  | 25,673                     | 408,615                | 434,288     | 2,842                             | 9,571                       | -                 | 2,883            | 15,296     | 449,584     |

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Continued

December 1964

|   | Group I carriers           |                        |             | Group II carriers                 |                              |                    |                   |            | Grand total |
|---|----------------------------|------------------------|-------------|-----------------------------------|------------------------------|--------------------|-------------------|------------|-------------|
|   | Canadian Pacific Air Lines | Trans-Canada Air Lines | Total       | Eastern Provincial Airways (1963) | Pacific Western Airlines (1) | Quebecair Inc. (1) | Transair Ltd. (1) | Total (1)  |             |
| Revenue transportation services - Concluded:      |                            |                        |             |                                   |                              |                    |                   |            |             |
| Unit toll - Concluded:                            |                            |                        |             |                                   |                              |                    |                   |            |             |
| Goods ton-miles - Concluded:                      |                            |                        |             |                                   |                              |                    |                   |            |             |
| Excess baggage - Scheduled .....                  | 56,004                     | 163,277                | 219,281     | 1,059                             | 2,582                        | 1,905              | 684               | 6,230      | 225,511     |
| Non-scheduled .....                               | 119                        | 119                    | 119         | 1,598                             | 66                           | 1,654              | 52                | 3,370      | 3,489       |
| Totals .....                                      | 56,123                     | 163,277                | 219,400     | 2,657                             | 2,648                        | 3,559              | 736               | 9,600      | 229,000     |
| Mail - Scheduled .....                            | 274,232                    | 1,801,441              | 2,075,673   | 19,388                            | 60,523                       | 3,625              | 6,294             | 89,830     | 2,165,503   |
| Non-scheduled .....                               | 3,764                      | -                      | 3,764       | 20,805                            | 459                          | 2,541              | 11,405            | 35,210     | 38,974      |
| Totals .....                                      | 277,996                    | 1,801,441              | 2,079,437   | 40,193                            | 60,982                       | 6,166              | 17,699            | 125,040    | 2,204,477   |
| Total - Scheduled .....                           | 1,595,817                  | 7,165,371              | 8,761,388   | 51,184                            | 232,581                      | 23,937             | 25,404            | 333,106    | 9,094,494   |
| Non-scheduled .....                               | 9,645                      | -                      | 9,645       | 28,051                            | 4,100                        | 16,139             | 20,402            | 68,692     | 78,337      |
| Totals .....                                      | 1,605,462                  | 7,165,371              | 8,771,033   | 79,235                            | 236,681                      | 40,076             | 45,806            | 401,798    | 9,172,831   |
| Available ton-miles on scheduled services .....   | 18,613,332                 | 57,766,792             | 76,380,124  | 402,947                           | 1,319,704                    | 277,102            | 461,466           | 2,461,219  | 78,841,343  |
| Weight load factor on scheduled services(3) ..... | 46.2                       | 50.2                   | 49.2        | 34.7                              | 42.9                         | 68.1               | 38.4              | 43.6       | 49.0        |
| Bulk:   |                            |                        |             |                                   |                              |                    |                   |            |             |
| Departures .....                                  | 7                          | 55                     | 62          | 328                               | 888                          | 4                  | 215               | 1,435      | 1,497       |
| Hours flown .....                                 | 37                         | 190                    | 227         | 533                               | 768                          | 6                  | 524               | 1,831      | 2,058       |
| Miles flown .....                                 | 18,861                     | 82,580                 | 101,441     | 50,984                            | 96,666                       | 1,130              | 93,185            | 241,965    | 343,406     |
| Passengers carried .....                          | 387                        | 1,733                  | 2,120       | 1,128                             | 1,528                        | 28                 | 766               | 3,450      | 5,570       |
| Freight carried .....                             | -                          | -                      | -           | 108,995                           | 1,157,277                    | 2,500              | 440,224           | 1,708,996  | 1,708,996   |
| Passenger-miles(4) .....                          | 1,472,821                  | 5,124,133              | 6,596,954   | 225,893                           | 1,197,754                    | 2,856              | 1,106,245         | 2,532,748  | 9,129,702   |
| Goods ton-miles(4) .....                          | -                          | -                      | -           | 12,314                            | 46,649                       | 1,285              | 317,400           | 377,648    | 377,648     |
| Revenue non-transportation services:              |                            |                        |             |                                   |                              |                    |                   |            |             |
| Specialty flying - Hours flown .....              | -                          | 37                     | 37          | 52                                | -                            | -                  | -                 | 52         | 89          |
| Total - All services:                             |                            |                        |             |                                   |                              |                    |                   |            |             |
| Traffic, hours and miles: (5)                     |                            |                        |             |                                   |                              |                    |                   |            |             |
| Revenue:  |                            |                        |             |                                   |                              |                    |                   |            |             |
| Departures .....                                  | 1,708                      | 10,935                 | 12,643      | 1,246                             | 2,225                        | 932                | 1,368             | 5,771      | 18,414      |
| Hours flown .....                                 | 3,420                      | 14,718                 | 18,138      | 1,523                             | 2,184                        | 779                | 1,808             | 6,294      | 24,432      |
| Miles flown .....                                 | 1,210,103                  | 4,212,428              | 5,422,531   | 201,789                           | 315,237                      | 131,128            | 274,023           | 922,177    | 6,344,708   |
| Passengers carried .....                          | 42,461                     | 320,539                | 363,000     | 8,584                             | 13,171                       | 8,274              | 5,351             | 37,380     | 400,380     |
| Cargo carried .....                               | 1,086,359                  | 8,554,667              | 9,641,026   | 622,085                           | 1,761,873                    | 167,064            | 612,622           | 3,163,644  | 12,804,670  |
| Goods carried .....                               | 1,442,615                  | 12,626,222             | 14,068,837  | 861,271                           | 1,986,169                    | 228,632            | 770,700           | 3,846,772  | 17,915,609  |
| Passenger-miles(4) .....                          | 72,417,591                 | 223,375,831            | 295,793,422 | 2,011,369                         | 4,566,357                    | 2,377,010          | 2,579,729         | 11,534,465 | 307,327,887 |
| Goods ton-miles(4) .....                          | 1,605,462                  | 7,165,571              | 8,771,033   | 91,549                            | 283,330                      | 41,361             | 363,206           | 779,446    | 9,550,479   |

See footnotes at end of table.



TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded  
December 1964

|                                      | Group I carriers           |                        |            |                                   | Group II carriers           |                    |                   |          | Grand total |
|--------------------------------------|----------------------------|------------------------|------------|-----------------------------------|-----------------------------|--------------------|-------------------|----------|-------------|
|                                      | Canadian Pacific Air Lines | Trans-Canada Air Lines | Total      | Eastern Provincial Airways (1963) | Pacific Western Airlines(1) | Quebecair Inc. (1) | Transair Ltd. (1) | Total(1) |             |
| Total - All services - Concluded:    |                            |                        |            |                                   |                             |                    |                   |          |             |
| Traffic, hours and miles -           |                            |                        |            |                                   |                             |                    |                   |          |             |
| Concluded:(5)                        |                            |                        |            |                                   |                             |                    |                   |          |             |
| Non-revenue:                         |                            |                        |            |                                   |                             |                    |                   |          |             |
| Hours flown .....                    | 95                         | 246                    | 341        | 46                                | 99                          | 42                 | 44                | 231      | 572         |
| Passengers carried .....             | 1,655                      | ..                     | 1,655(2)   | 324                               | 224                         | 135                | 84                | 767      | 2,422(2)    |
| Goods carried .....                  | 222,891                    | ..                     | 222,891(2) | 2,746                             | 42,922                      | -                  | 24,756            | 70,424   | 293,315(2)  |
| Passenger-miles .....                | 3,866,091                  | 11,594,159             | 15,460,250 | 92,707                            | 56,143                      | 43,142             | 43,485            | 235,477  | 15,695,727  |
| Goods ton-miles .....                | 339,443                    | 325,443                | 664,886    | 782                               | 17,609                      | 40                 | 7,328             | 25,759   | 690,645     |
| Fuel and oil consumed:               |                            |                        |            |                                   |                             |                    |                   |          |             |
| Turbo fuel - Quantity .....          | 3,507,978                  | 11,785,677             | 15,293,655 | 123,048                           | -                           | 110,956            | 62,652            | 296,656  | 15,590,311  |
| Cost .....                           | 579,571                    | 1,561,215              | 2,140,786  | 25,840                            | -                           | 23,308             | 14,191            | 63,339   | 2,204,125   |
| Gasoline - Quantity .....            | 410,328                    | -                      | 410,328    | 69,958                            | 273,741                     | 22,197             | 166,905           | 532,801  | 943,129     |
| Cost .....                           | 98,250                     | -                      | 98,250     | 22,840                            | 99,907                      | 7,325              | 56,291            | 186,363  | 284,613     |
| Turbo oil - Quantity .....           | 191                        | 2,872                  | 3,063      | 62                                | -                           | 451                | 6                 | 519      | 3,582       |
| Cost .....                           | 2,056                      | 29,645                 | 31,701     | 930                               | -                           | 1,578              | 60                | 2,568    | 34,269      |
| Other oil - Quantity .....           | 3,765                      | -                      | 3,765      | 1,074                             | 3,158                       | 491                | 1,960             | 6,683    | 10,448      |
| Cost .....                           | 3,765                      | -                      | 3,765      | 1,342                             | 3,948                       | 393                | 2,122             | 7,805    | 11,570      |
| Average number of employees:         |                            |                        |            |                                   |                             |                    |                   |          |             |
| Pilots and co-pilots .....           | 215                        | 605                    | 820        | 53                                | 72                          | 28                 | 45                | 198      | 1,018       |
| Other flight personnel .....         | 250                        | 713                    | 963        | 13                                | 32                          | 13                 | 19                | 77       | 1,040       |
| General management .....             | 118                        | 66                     | 184        | 8                                 | 52                          | 49                 | 21                | 130      | 314         |
| Maintenance labour .....             | 525                        | 2,656                  | 3,181      | 194                               | 182                         | 69                 | 100               | 545      | 3,726       |
| Aircraft and traffic servicing ..... | 872                        | 3,848                  | 4,720      | 104                               | 104                         | 116                | 59                | 383      | 5,103       |
| Other personnel .....                | 688                        | 3,782                  | 4,470      | 38                                | 25                          | 8                  | 57                | 128      | 4,598       |
| Total employees .....                | 2,668                      | 11,670                 | 14,338     | 410                               | 467                         | 283                | 301               | 1,461    | 15,799      |
| Salaries and wages:                  |                            |                        |            |                                   |                             |                    |                   |          |             |
| Pilots and co-pilots .....           | 274,748                    | 805,105                | 1,079,853  | 45,440                            | 64,234                      | 22,825             | 38,689            | 171,188  | 1,251,041   |
| Other flight personnel .....         | 136,867                    | 324,081                | 460,948    | 4,433                             | 10,040                      | 5,313              | 6,210             | 25,996   | 486,944     |
| General management .....             | 102,376                    | 111,657                | 214,033    | 8,116                             | 24,590                      | 21,426             | 14,097            | 68,229   | 282,262     |
| Maintenance labour .....             | 258,755                    | 1,537,651              | 1,796,406  | 88,194                            | 94,607                      | 41,198             | 41,135            | 265,134  | 2,061,540   |
| Aircraft and traffic servicing ..... | 419,436                    | 2,160,384              | 2,579,820  | 37,595                            | 64,677                      | 54,282             | 23,345            | 179,899  | 2,759,719   |
| Other personnel .....                | 284,854                    | 2,065,553              | 2,350,407  | 13,255                            | 4,963                       | 4,378              | 10,450            | 33,046   | 2,383,453   |
| Total salaries and wages .....       | 1,477,036                  | 7,004,431              | 8,481,467  | 197,033                           | 263,111                     | 149,422            | 133,926           | 743,492  | 9,224,959   |

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Excludes Trans-Canada Air Lines.

(3) Standard passenger weight used: 200 pounds.

(4) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(5) These data exclude non-transportation services, except for hours flown.



TABLE 5. Revenue Interline Traffic(1), Canadian Scheduled Carriers - All Services, by Company

December 1964

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|                                | Canadian<br>Pacific<br>Air Lines | Eastern<br>Provincial<br>Airways<br>(1963) | Pacific<br>Western<br>Airlines | Quebecair<br>Inc. | Transair<br>Ltd. | Trans-<br>Canada<br>Air Lines | Total     |
|--------------------------------|----------------------------------|--|--------------------------------|-------------------|------------------|-------------------------------|-----------|
| <b>Passengers carried:</b>     |                                  |  |                                |                   |                  |                               |           |
| Originated .....               | 25,127                           | 5,967                                      | 12,918                         | 8,246             | 4,028            | 272,190                       | 328,476   |
| Domestic interline .....       | 2,438                            | 1,479                                      | -                              | -                 | -                | 46,616                        | 51,410    |
| Foreign interline .....        | 877                              | -  | -                              | -                 | -                | -                             | -         |
| Totals(2) .....                | 28,442                           | 7,446                                      | 12,918                         | 8,246             | 4,028            | 318,806                       | 379,886   |
| <b>Express carried:</b>        |                                  |  |                                |                   |                  |                               |           |
| Originated .....               | 95,530                           | 13,652                                     | 36,161                         | -                 | 12,727           | 957,191                       | 1,115,261 |
| Domestic interline .....       | -                                | -  | -                              | -                 | -                | -                             | -         |
| Foreign interline .....        | -                                | -  | -                              | -                 | -                | -                             | -         |
| Totals(2) .....                | 95,530                           | 13,652                                     | 36,161                         | -                 | 12,727           | 957,191                       | 1,115,261 |
| <b>Freight carried:</b>        |                                  |  |                                |                   |                  |                               |           |
| Originated .....               | 556,504                          | 499,438                                    | 506,943                        | 164,564           | 54,257           | 7,597,476                     | 9,379,182 |
| Domestic interline .....       | 23,829                           | -  | -                              | -                 | -                | -                             | 23,829    |
| Foreign interline .....        | 6,558                            | -  | -                              | -                 | -                | -                             | 6,558     |
| Totals(2) .....                | 586,891                          | 499,438                                    | 506,943                        | 164,564           | 54,257           | 7,597,476                     | 9,409,569 |
| <b>Excess baggage carried:</b> |                                  |  |                                |                   |                  |                               |           |
| Originated .....               | 21,338                           | 13,589                                     | 14,602                         | 22,516            | 3,156            | -                             | 75,201(3) |
| Domestic interline .....       | -                                | -  | -                              | -                 | -                | -                             | -         |
| Foreign interline .....        | -                                | -  | -                              | -                 | -                | -                             | -         |
| Totals(2) .....                | 21,338                           | 13,589                                     | 14,602                         | 22,516            | 3,156            | -                             | 75,201    |
| <b>Mail carried:</b>           |                                  |  |                                |                   |                  |                               |           |
| Originated .....               | 223,014                          | 201,633                                    | 200,311                        | 39,052            | 35,667           | 4,071,555                     | 4,771,232 |
| Domestic interline .....       | -                                | -  | -                              | -                 | -                | -                             | -         |
| Foreign interline .....        | -                                | -  | -                              | -                 | -                | -                             | -         |
| Totals(2) .....                | 223,014                          | 201,633                                    | 200,311                        | 39,052            | 35,667           | 4,071,555                     | 4,771,232 |

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Board.

(2) Excludes division interline.

(3) Excludes Trans-Canada Air Lines.

TABLE 6. Operating Statistics, Canadian International Carriers - All Revenue Services, by area of Service

December 1964

| Unit toll:   | Trans-<br>Border<br>Services | Trans-<br>Atlantic<br>and Polar<br>Services | Southern<br>Services | Pacific<br>and<br>Orient<br>Services | Total<br>International<br>Services | Domestic<br>Services | Grand<br>total |
|--|------------------------------|---|----------------------|--------------------------------------|------------------------------------|----------------------|----------------|
| Departures .....   | 1,565                        | 311   | 507                  | 135                                  | 2,518                              | 10,063               | 12,581         |
| Hours flown .....  | 2,224                        | 1,149                                       | 1,431                | 866                                  | 5,670                              | 12,204               | 17,874         |
| Miles scheduled .....                                    | 549,394                      | 543,276                                     | 525,559              | 350,779                              | 1,969,008                          | 3,062,879            | 5,031,887      |
| Miles flown:   |                              |   |                      |                                      |                                    |                      |                |
| Scheduled - Regular .....                                | 472,033                      | 528,275                                     | 520,759              | 346,885                              | 1,867,952                          | 2,908,027            | 4,775,979      |
| Scheduled - Extra sections .....                         | 32,489                       | 8,656                                       | 98,415               | 35,971                               | 175,531                            | 330,847              | 506,378        |
| Non-scheduled .....                                      | -                            | -   | -                    | -                                    | -                                  | 38,733               | 38,733         |
| Totals .....   | 504,522                      | 536,931                                     | 619,174              | 382,856                              | 2,043,483                          | 3,277,607            | 5,321,090      |
| Ratio of regular miles flown to miles<br>scheduled ..... | 85.9                         | 97.2  | 99.1                 | 98.9                                 | 94.9                               | 94.9                 | 94.9           |
| Passengers carried .....                                 | ...                          | ...   | ...                  | ...                                  | 116,883                            | 243,997              | 360,880        |
| Cargo carried .....                                      | ...                          | ...   | ...                  | ...                                  | 3,837,569                          | 5,803,457            | 9,641,026      |
| Mail carried .....                                       | ...                          | ...   | ...                  | ...                                  | 589,603                            | 3,793,841            | 4,383,444      |
| Passenger-miles .....                                    | 27,280,406                   | 35,534,028                                  | 38,071,920           | 22,961,251                           | 123,847,605                        | 165,348,863          | 289,196,468    |
| Available seat-miles on scheduled services .....         | 41,289,865                   | 66,544,713                                  | 80,096,661           | 48,417,406                           | 236,349,645                        | 281,223,079          | 517,572,724    |
| Passenger load factor on scheduled services .....        | 66.1                         | 53.4  | 47.5                 | 47.4                                 | 52.4                               | 58.8                 | 55.9           |
| Goods ton-miles:   |                              |   |                      |                                      |                                    |                      |                |
| Express .....  | 51,869                       | -   | -                    | -                                    | 51,869                             | 382,419              | 434,288        |
| Freight .....  | 325,415                      | 1,564,560                                   | 420,054              | 477,960                              | 2,787,989                          | 3,249,919            | 6,037,908      |
| Excess baggage .....                                     | 16,832                       | 31,990                                      | 45,896               | 16,846                               | 111,564                            | 107,836              | 219,400        |
| Mail .....   | 54,515                       | 319,376                                     | 89,494               | 124,330                              | 587,715                            | 1,491,722            | 2,079,437      |
| Totals .....   | 448,631                      | 1,915,926                                   | 555,444              | 619,136                              | 3,539,137                          | 5,231,896            | 8,771,033      |
| Available ton-miles on scheduled service .....           | 5,740,636                    | 10,904,824                                  | 11,058,807           | 6,426,597                            | 34,130,864                         | 42,249,260           | 76,380,124     |
| Weight load factor on scheduled services(1) .....        | 55.7                         | 50.1  | 39.4                 | 45.4                                 | 46.6                               | 51.5                 | 49.3           |
| Bulk:  |                              |   |                      |                                      |                                    |                      |                |
| Departures .....   | 40                           | 132   | 6                    | -                                    | 178                                | ...                  | ...            |
| Hours flown .....  | 80                           | 345   | 61                   | 486                                  | 486                                | ...                  | ...            |
| Miles flown .....  | 15,690                       | 113,153                                     | 16,730               | -                                    | 145,573                            | ...                  | ...            |
| Passengers carried .....                                 | 350                          | 2,600                                       | 360                  | -                                    | 3,310                              | ...                  | ...            |
| Goods carried .....                                      | -                            | 62,587                                      | -                    | -                                    | 62,587                             | ...                  | ...            |
| Passenger-miles(2) .....                                 | ...                          | -   | -                    | -                                    | 8,372,121                          | ...                  | ...            |
| Goods ton-miles(2) .....                                 | ...                          | 4,780                                       | -                    | -                                    | 4,780                              | ...                  | ...            |
| Total:   |                              |   |                      |                                      |                                    |                      |                |
| Departures .....   | 1,605                        | 443   | 513                  | 135                                  | 2,696                              | ...                  | ...            |
| Hours flown .....  | 2,304                        | 1,494                                       | 1,492                | 866                                  | 6,156                              | ...                  | ...            |
| Miles flown .....  | 520,212                      | 650,084                                     | 635,904              | 382,856                              | 2,189,056                          | ...                  | ...            |
| Passengers carried .....                                 | ...                          | ...   | ...                  | ...                                  | 120,193                            | ...                  | ...            |
| Goods carried .....                                      | ...                          | ...   | ...                  | ...                                  | 4,489,759(3)                       | ...                  | ...            |
| Passenger-miles(2) .....                                 | ...                          | ...   | ...                  | ...                                  | 132,219,726                        | ...                  | ...            |
| Goods ton-miles(2) .....                                 | 448,631                      | 1,920,706                                   | 555,444              | 619,136                              | 3,543,917                          | ...                  | ...            |

(1) Standard passenger weight used: 200 pounds.  
(2) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.  
(3) Excludes Unit Toll Excess baggage.

TABLE 7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)

December 1964

|  | United States              |                 |           | Europe                    |                 |           |
|--|----------------------------|-----------------|-----------|---------------------------|-----------------|-----------|
|  | To                         | From            | Total     | To                        | From            | Total     |
| Passengers carried:                          |                            |                 |           |                           |                 |           |
| Unit toll ..... No.                          | 78,525                     | 68,903          | 147,428   | 13,070                    | 12,609          | 25,679    |
| Bulk ..... "                                 | 375                        | 141             | 516       | 1,979                     | 76              | 2,055     |
| Totals ..... "                               | 78,900                     | 69,044          | 147,944   | 15,049                    | 12,685          | 27,734    |
| Freight, express and excess baggage carried: |                            |                 |           |                           |                 |           |
| Unit toll ..... lb.                          | 626,660                    | 2,675,536       | 3,302,196 | 827,533                   | 1,933,044       | 2,760,577 |
| Bulk ..... "                                 | -                          | -               | -         | 53,461                    | -               | 53,461    |
| Totals ..... "                               | 626,660                    | 2,675,536       | 3,302,196 | 880,994                   | 1,933,044       | 2,814,038 |
| Mail carried (unit toll) ..... "             | 185,063                    | 348,734         | 533,797   | 275,429                   | 298,172         | 573,601   |
|  | All other areas            |                 |           | Totals                    |                 |           |
|  | To                         | From            | Total     | To                        | From            | Total     |
| Passengers carried:                          |                            |                 |           |                           |                 |           |
| Unit toll ..... No.                          | 11,881                     | 5,702           | 17,583    | 103,476                   | 87,214          | 190,690   |
| Bulk ..... "                                 | -                          | -               | -         | 2,354                     | 217             | 2,571     |
| Totals ..... "                               | 11,881                     | 5,702           | 17,583    | 105,830                   | 87,431          | 193,261   |
| Freight, express and excess baggage carried: |                            |                 |           |                           |                 |           |
| Unit toll ..... lb.                          | 267,068                    | 156,975         | 424,043   | 1,721,261                 | 4,765,555       | 6,486,816 |
| Bulk ..... "                                 | -                          | -               | -         | 53,461                    | -               | 53,461    |
| Totals ..... "                               | 267,068                    | 156,975         | 424,043   | 1,774,722                 | 4,765,555       | 6,540,277 |
| Mail carried (unit toll) ..... "             | 43,311                     | 42,878          | 86,189    | 503,803                   | 689,784         | 1,193,587 |
|  | Total by Canadian carriers |                 |           | Total by Foreign carriers |                 |           |
|  | Leaving Canada             | Entering Canada | Total     | Leaving Canada            | Entering Canada | Total     |
| Passengers carried:                          |                            |                 |           |                           |                 |           |
| Unit toll ..... No.                          | 63,233                     | 50,361          | 113,594   | 40,243                    | 36,853          | 77,096    |
| Bulk ..... "                                 | 1,793                      | 33              | 1,826     | 561                       | 184             | 745       |
| Totals ..... "                               | 65,026                     | 50,394          | 115,420   | 40,804                    | 37,037          | 77,841    |
| Freight, express and excess baggage carried: |                            |                 |           |                           |                 |           |
| Unit toll ..... lb.                          | 1,167,768                  | 2,559,979       | 3,727,747 | 553,493                   | 2,205,576       | 2,759,069 |
| Bulk ..... "                                 | -                          | -               | -         | 53,461                    | -               | 53,461    |
| Totals ..... "                               | 1,167,768                  | 2,559,979       | 3,727,747 | 606,954                   | 2,205,576       | 2,812,530 |
| Mail carried (unit toll) ..... "             | 278,736                    | 285,084         | 563,820   | 225,067                   | 404,700         | 629,767   |

(1) Passengers and goods in transit through Canada are excluded.

TABLE 8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service

December 1964

|                                      | Fixed wing aircraft |                |               |                | Helicopters   |                |               |                |
|--------------------------------------|---------------------|----------------|---------------|----------------|---------------|----------------|---------------|----------------|
|                                      | Month               |                | Year to date  |                | Month         |                | Year to date  |                |
|                                      | Revenue hours       | Revenue earned | Revenue hours | Revenue earned | Revenue hours | Revenue earned | Revenue hours | Revenue earned |
|                                      | No.                 | \$             | No.           | \$             | No.           | \$             | No.           | \$             |
| Type of service:                     |                     |                |               |                |               |                |               |                |
| Aerial advertising .....             | -                   | -              | 24            | 2,363          | 26            | 2,470          | 659           | 45,721         |
| Aerial fish cultivation .....        | -                   | -              | 9             | 1,005          | -             | -              | -             | -              |
| Aerial patrol and inspection .....   | 320                 | 24,388         | 10,289        | 1,100,226      | 293           | 24,574         | 7,091         | 683,027        |
| Aerial pest control .....            | 42                  | 5,800          | 5,519         | 720,069        | -             | -              | -             | -              |
| Aerial photography and survey .....  | 41                  | 2,091          | 2,955         | 441,824        | 39            | 3,370          | 444           | 37,325         |
| Aerial photography (excl. survey) .. | 45                  | 2,299          | 2,948         | 290,434        | -             | -              | 1,384         | 90,665         |
| Aircraft rental .....                | 15                  | 203            | 835           | 21,688         | -             | -              | 3             | 250            |
| Flying training .....                | 1,653               | 28,860         | 34,751        | 605,463        | 1             | 38             | 224           | 16,488         |
| Geophysical survey .....             | 241                 | 53,676         | 9,146         | 824,806        | -             | -              | 4,450         | 557,774        |
| Non-transportation charter .....     | -                   | -              | 828           | 75,242         | -             | -              | 317           | 22,235         |
| Philanthropic .....                  | -                   | -              | -             | -              | -             | -              | -             | -              |
| Recreational flying .....            | 539                 | 17,854         | 12,147        | 269,416        | -             | -              | 71            | 7,099          |
| Specialty flying - Other .....       | -                   | -              | 719           | 215,085        | 5             | 950            | 194           | 14,929         |
| Totals .....                         | 2,896               | 135,171        | 80,170        | 4,567,621(1)   | 364           | 31,402         | 14,837        | 1,475,513      |

(1) Footnote about 3,365 hours for which revenue is not available.

TABLE 9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV

December 1964

|                                       | Carriers operating helicopters only |              | Carriers operating both helicopters and fixed wing aircraft |              | Total   |              |
|---------------------------------------|-------------------------------------|--------------|---|--------------|---------|--------------|
|                                       | Month                               | Year to date | Month   | Year to date | Month   | Year to date |
| Carriers reporting .....              | No. 14                              | ...          | 5   | ...          | 19      | ...          |
| Helicopters - Owned .....             | " 129                               | 119          | 9   | 14           | 138     | 133          |
| Leased .....                          | " 15                                | 13           | 1   | 1            | 16      | 14           |
| Totals .....                          | " 144                               | 132          | 10  | 15           | 154     | 147          |
| Revenue hours flown - Unit toll ..... | " -                                 | 47           | -   | -            | -       | 47           |
| Bulk .....                            | " 1,559                             | 53,959       | 65  | 3,302        | 1,624   | 57,261       |
| Specialty .....                       | " 364                               | 6,711        | 48  | 1,637        | 412     | 8,348        |
| Totals .....                          | " 1,923                             | 60,717       | 113   | 4,939        | 2,036   | 65,656       |
| Non-revenue hours flown .....         | " 105                               | 2,292        | 3   | 203          | 108     | 2,495        |
| Fuel and oil consumed:                |                                     |              |   |              |         |              |
| Gasoline .....                        | gal. 38,727                         | 1,031,991    | 2,360   | 98,697       | 41,087  | 1,130,688    |
| Cost .....                            | \$ 17,821                           | 476,508      | 972   | 44,370       | 18,793  | 520,878      |
| Oil .....                             | gal. 454                            | 17,238       | 43  | 2,231        | 497     | 19,469       |
| Cost .....                            | \$ 764                              | 29,395       | 57  | 3,186        | 821     | 32,581       |
| Average number of employees:          |                                     |              |   |              |         |              |
| Pilots .....                          | No. 122                             | 122          | 8   | 13           | 130     | 135          |
| Administrative .....                  | " 52                                | 48           | 1   | 6            | 53      | 54           |
| Maintenance labour .....              | " 124                               | 119          | 7   | 4            | 131     | 123          |
| Other personnel .....                 | " 7                                 | 8            | -   | -            | 7       | 8            |
| Totals .....                          | " 305                               | 297          | 16  | 23           | 321     | 320          |
| Salaries and wages:                   |                                     |              |   |              |         |              |
| Pilots .....                          | \$ 99,451                           | 1,131,397    | 5,024   | 99,625       | 104,475 | 1,231,022    |
| Administrative .....                  | \$ 45,898                           | 352,656      | 400   | 15,137       | 46,298  | 367,793      |
| Maintenance labour .....              | \$ 71,262                           | 724,260      | 3,944   | 44,354       | 75,206  | 768,614      |
| Other personnel .....                 | \$ 2,995                            | 27,246       | -   | -            | 2,995   | 27,246       |
| Totals .....                          | \$ 219,606                          | 2,235,559    | 9,368   | 159,116      | 228,974 | 2,394,675    |

TABLE 10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV  
December 1964

|  | Current month | Year to date |
|--|---------------|--------------|
|  | dollars       |              |
| Operating revenues:                      |               |              |
| Unit toll transportation:                |               |              |
| Passengers .....                         | -             | 133          |
| Express .....                            | -             | -            |
| Freight .....                            | -             | -            |
| Excess baggage .....                     | -             | -            |
| Mail .....                               | -             | -            |
| Total unit toll transportation .....     | -             | 133          |
| Bulk transportation .....                | 185,859       | 6,219,911    |
| Total transportation .....               | 185,859       | 6,220,044    |
| Other flying services .....              | 31,426        | 820,956      |
| Total flying services .....              | 217,285       | 7,041,000    |
| Non-flying services .....                | Dr. 29,540    | 183,325      |
| Total operating revenues .....           | 187,745       | 7,224,325    |
| Operating expenses:                      |               |              |
| Flying operations .....                  | Cr. 74,607    | 2,627,887    |
| Maintenance .....                        | 456,585       | 1,953,529    |
| General service and administration ..... | 97,512        | 882,326      |
| Depreciation and amortization .....      | 199,312       | 741,101      |
| Total operating expenses .....           | 678,802       | 6,204,843    |
| Operating income (deficit) .....         | Dr. 491,057   | 1,019,482    |
| Non-operating income:                    |               |              |
| Capital gains and losses .....           | Dr. 30,190    | 53,731       |
| Interest and discounts .....             | 4,618         | 5,041        |
| Miscellaneous non-operating income ..... | Dr. 21,260    | Dr. 17,302   |
| Income before interest expense .....     | Dr. 537,889   | 1,060,952    |
| Interest expense .....                   | 5,896         | 145,475      |
| Income before income taxes .....         | Dr. 543,785   | 915,477      |
| Provision for income taxes .....         | 32,051        | 58,857       |
| Net income after income taxes .....      | Dr. 575,836   | 856,620      |

TABLE 11. Operating Statistics, Canadian Group V Carriers  
December 1964

|   | Quarter       | Year to date |
|---|---------------|--------------|
| Reporting carriers .....                | No. 289       | ...          |
| Transportation:                         |               |              |
| Hours flown .....                       | " 21,193      | 113,705      |
| Passengers carried .....                | " 37,245      | 213,231      |
| Goods carried .....                     | 1b. 3,150,045 | 16,540,599   |
| Specialty flying services:              |               |              |
| Aerial advertising .....                | hr. 1         | 1            |
| Aerial fish cultivation .....           | " -           | 124          |
| Aerial patrol and inspection .....      | " 1,157       | 7,788        |
| Aerial pest control .....               | " 17          | 6,721        |
| Aerial photography and survey .....     | " 176         | 728          |
| Aerial photography (excl. survey) ..... | " 79          | 670          |
| Aircraft rental .....                   | " 3,185       | 16,985       |
| Flying training .....                   | " 18,719      | 82,693       |
| Geophysical survey .....                | " 14          | 850          |
| Non-transportation charter .....        | " 125         | 261          |
| Philanthropic .....                     | " -           | -            |
| Recreational flying .....               | " 3,858       | 19,316       |
| Specialty flying - Other .....          | " 71          | 1,212        |
| Totals .....                            | " 27,402      | 137,349      |
| Total - All services:                   |               |              |
| Revenue hours flown .....               | No. 48,595    | 251,054      |
| Non-revenue hours flown .....           | " 3,510       | 13,890       |



CIVIL AVIATION DEFINITIONS(1)

- Bulk Transportation:
- (1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4); and
  - (2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).

Classification of Canadian Carriers by Groups

- Group I Carriers: Canadian Air Carriers licensed to perform both domestic and international scheduled services. (Trans-Canada Air Lines and Canadian Pacific Air Lines Ltd.).
- Group II Carriers: Canadian Air Carriers other than Group I carriers licensed to perform domestic scheduled services and Nordair Ltd.(2).
- Group III Carriers: Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$500,000 or over (excepting air carriers included in Group I and II).
- Group IV Carriers: Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$100,000 and over, but less than \$500,000.
- Group V Carriers: Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of less than \$100,000.

Cargo: Air freight and air express (excluding mail and excess baggage).

Carrier, Air: Any person who operates aircraft in or over Canada for hire or reward.

Non-Scheduled Carriers: Carriers not operating any scheduled (Class I) service.

Scheduled Carriers: Air Carriers serving designated points in accordance with a service schedule and at a toll per unit.

- 
- (1) Reference to Classes refers to the classification of air carriers as defined by the Air Transport Board and published in the "Directory of Canadian Commercial Air Services" Queen's Printer, Ottawa.
  - (2) For statistical purposes in this report, Nordair Ltd. is included with Group III carriers.

Freedoms of the Air:

- First Freedom: The privilege to fly over the territory of a foreign country without landing.
- Second Freedom: The privilege to land on the territory of a foreign country for non-traffic purposes.
- Third Freedom: The privilege to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
- Fourth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
- Fifth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the privilege to put down in a foreign country, passengers, mail and cargo coming from any such territory.

Goods: Air Cargo (freight and express) plus mail and excess baggage.

Interline Traffic:

- Domestic Interline: Passengers and goods received by a carrier at Canadian points from other Canadian Air Carriers.
- Foreign Interline: Passengers and goods received by a carrier from Foreign Air Carriers.
- Divisional Interline: Passengers and goods received from other operating divisions of the same carrier.

International Services:

- Trans-Border Services: Services between Canada and the United States.
- Southern Services: Services between Canada and Bermuda, the Caribbean, Mexico, Central or South America.
- Trans-Atlantic and Polar Services: Services between Canada and Europe.
- Pacific and Orient Services: Services between Canada and points in the Pacific Ocean or the Orient.

Load Capacity Available: Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, stewards' supplies, etc.

|                                   |  |
|-----------------------------------|--|
| <u>Load Factor, Passenger:</u>    | Ratio of revenue passenger-miles performed to available seat-miles.  |
| <u>Load Factor, Weight:</u>       | - See Weight, Load-Factor.   |
| <u>Miles:</u>                     | Statute miles of 5,280 ft.   |
| <u>Passenger:</u>                 | A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger. A round trip passenger is counted as two passengers.   |
| <u>Passenger Load-Factor:</u>     | - See Load Factor, Passenger.  |
| <u>Passenger-Mile:</u>            | The transportation of one passenger one mile.  |
| <u>Non-Revenue Passenger:</u>     | A child or adult carried on a revenue transportation flight for whom no fare is collected, including company personnel.  |
| <u>Revenue Passenger:</u>         | A child or adult for which a fare or part of a fare is paid.   |
| <u>Seat-Miles Available:</u>      | Seats available for the transportation of passengers multiplied by the miles flown on each inter-station flight.   |
| <u>Specialty Flying Services:</u> | Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising.   |
| <u>Tons:</u>                      | Short tons of 2,000 lbs.   |
| <u>Ton-Mile:</u>                  | The transportation of one ton of goods one mile.   |
| <u>Ton-Miles Available:</u>       | Available load capacity multiplied by miles flown on each inter-station flight.  |
| <u>Unit Toll Transportation:</u>  | Public transportation of passengers and goods at a toll per unit. It includes: <ul style="list-style-type: none"><li>(i) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class I); and</li><li>(ii) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3).</li></ul> |
| <u>Weight Load Factor:</u>        | Ratio of revenue ton-miles performed to available ton-miles.   |







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## SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures are not available.
- ... Figures not appropriate or not applicable.
- Nil or zero.

## INTRODUCTION

"Civil Aviation" reports are prepared from monthly and quarterly schedules filed with the Air Transport Board and the Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly returns filed with the Dominion Bureau of Statistics by foreign air carriers operating in Canada.

For reporting purposes, Canadian air carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. These groups are described on page twenty of this publication along with other definitions. It should be noted that the definition of each of the five groups was revised as of 1st January 1964. In January 1965, 3 former Group IV carriers were promoted to Group III, 1 Group III carrier was transferred to Group IV and 7 Group V carriers were transferred to Group IV. It should also be noted that Nordair Ltd., classified as a Group II carrier by the Air Transport Board, is included with Group III carriers for statistical purposes. Group V is comprised of small air carriers required to file returns on a quarterly basis only. Data on their operations are excluded from the other carrier statistics appearing throughout the report.

Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. A complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

Domestic and international operations of Canadian carriers are combined in all tables except Table 6 which provides a breakdown of domestic and international operations for Canadian carriers operating international unit toll and bulk services.

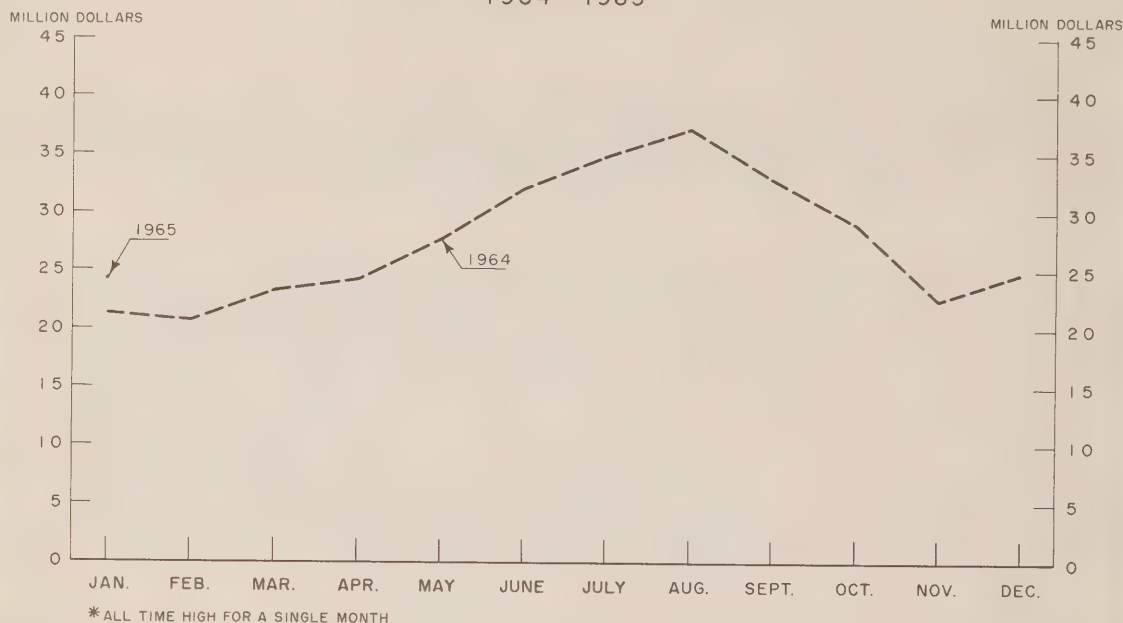
Commencing with the January, 1964 issue, bulk transport passenger-miles and goods-ton-miles have been added to the statistical data of this report. However, because of survey limitations, this data refers only to aircraft which has a minimum authorized take-off weight on wheels in excess of 18,000 pounds. Operating data covering bulk international flights have also been added to Table 6. It should be noted, however, that the number of carriers reporting international bulk services may vary from month to month.

Table 7 provides data on traffic leaving and entering Canada on an area of service basis. Passengers, cargo and mail in transit through Canada are excluded. The table contains the operations of both Canadian and Foreign carriers with separate totals for each.

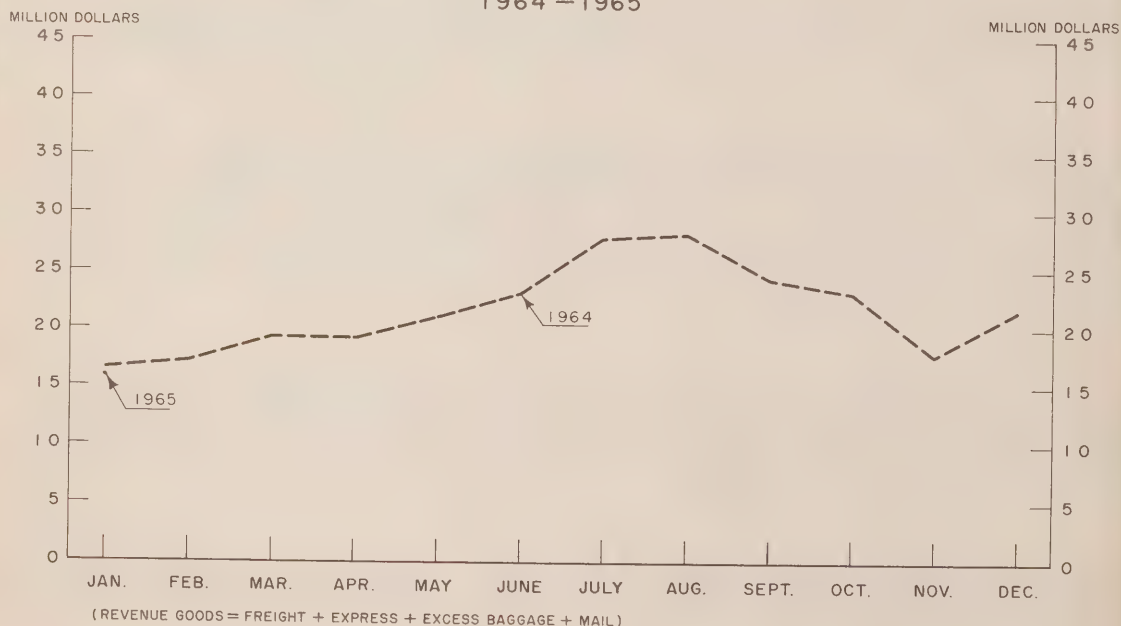
Also commencing with the January, 1964 issue of "Civil Aviation", data on helicopters have been expanded to include more detail. A split has been made between the use of fixed wing aircraft and helicopters for specialty flying.



# OPERATING REVENUE OF CANADIAN AIR CARRIERS 1964 - 1965



# REVENUE GOODS CARRIED BY CANADIAN AIR CARRIERS 1964 - 1965



## REVIEW OF JANUARY OPERATIONS

An increase was reported in the transportation of revenue passengers while revenue goods carried by Canadian Air Carriers decreased in the month of January compared with January 1964. Passengers carried totalled 443,885, and increase of 12.3 per cent, while goods transported showed a decrease of 3.7 per cent to 7,974 tons. The revenue miles flown were up 2.7 per cent to 7,252,562 miles. Passenger-miles and goods ton-miles performed by Canadian carriers in unit toll and bulk services totalled 334,555,101 and 7,364,349, respectively. Unit toll services accounted for 96.4 per cent of the total passenger-miles and 94.0 per cent of the total goods ton-miles.

January operating revenues increased 13.8 per cent over January 1964 to \$24,161,761 while operating expenses increased to \$25,402,493. An operating loss of \$1,240,732 was therefore reported. This compared with an operating loss of \$2,640,848 for the same month of the previous year. A net deficit after provision for income taxes of \$2,082,449 was reported as against a net deficit of \$3,547,163 in January 1964.

Revenue hours reported flown by 16 carriers who operated 154 helicopters exclusively amounted to 1,405. Hours reported flown by 7 helicopters operated by 6 fixed wing carriers totalled 54. Operating revenues reported by helicopter operators amounted to \$189,334 while operating expenses amounted to \$372,264.

In January the six scheduled carriers transported 421,218 revenue passengers, 94.9 per cent of passengers carried by all Canadian carriers. They also carried 6,504 tons of revenue goods, 81.6 per cent of the total. Operating revenues of scheduled carriers amounted to \$22,971,755 or 95.1 per cent of the total. Operating expenses amounted to \$23,732,528 or 93.4 per cent of the total. Comparable figures for January 1964 are: passengers 94.0 per cent, goods 73.1 per cent, revenues 93.9 per cent and expenses 93.2 per cent.

Revenue passenger-miles performed by Canadian carriers in international unit toll service in January amounted to 142,979,052 or 45.7 per cent of the total unit toll passenger-miles performed by Canadian carriers. The division of international services was as follows:

| <u>Area</u>                    | <u>Percentage</u> |
|--------------------------------|-------------------|
| Trans-Border .....             | 20.1              |
| Trans-Atlantic and Polar ..... | 22.1              |
| Southern .....                 | 36.7              |
| Pacific and Orient .....       | <u>21.1</u>       |
| Total .....                    | <u>100.0</u>      |

### Foreign Carriers:

Foreign carriers licensed to operate in Canada transported 79,758 revenue passengers during January, an increase of 23.6 per cent over January 1964. Revenue goods carried totalled 1,175 tons, an increase of 16.1 per cent. Foreign carriers report hours and miles flown over Canadian territory only. Statistics of passengers and goods in transit have been excluded.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

January 1965

|                                      | Canadian carriers                       |                        |          |           | Total Canadian carriers | Foreign carriers(2)    |                           | Grand total all carriers | Year to date |
|--------------------------------------|---|------------------------|----------|-----------|-------------------------|------------------------|---------------------------|--------------------------|--------------|
|                                      | Scheduled carriers<br>Group I and II(1) | Non-scheduled carriers |          |           |                         | United States carriers | Other Foreign carriers(3) |                          |              |
|                                      |   | Group III(1)           | Group IV | Total     |                         |                        |                           |                          |              |
| Number of carriers reporting ...     | 6                                       | 16                     | 53       | 69        | 75                      | 10                     | 9                         | 94                       |              |
| Revenue transportation services:     |   |                        |          |           |                         |                        |                           |                          |              |
| Unit toll:                           |   |                        |          |           |                         |                        |                           |                          |              |
| Departures .....                     | 16,728                                  | 1,828                  | 403      | 2,231     | 18,959                  | ..                     | ..                        | ..                       |              |
| Hours flown .....                    | 21,894                                  | 1,611                  | 248      | 1,859     | 23,753                  | 321                    | 678                       | 24,752                   |              |
| Miles scheduled .....                | 5,587,932                               | ...                    | ...      | ...       | 5,587,932               | 83,952                 | 343,629                   | 6,015,513                |              |
| Miles flown:(4)                      |   |                        |          |           |                         |                        |                           |                          |              |
| Scheduled .....                      | 5,686,342                               | ...                    | ...      | ...       | 5,686,342               | 79,238                 | 349,348                   | 6,114,928                |              |
| Non-scheduled .....                  | 265,777                                 | 182,844                | 30,838   | 213,682   | 479,459                 | -                      | -                         | 479,459                  |              |
| Totals .....                         | 5,952,119                               | 182,844                | 30,838   | 213,682   | 6,165,801               | 79,238                 | 349,348                   | 6,594,387                |              |
| Passengers carried .....             | 414,951                                 | 5,495                  | 2,669    | 8,164     | 423,115                 | 59,688                 | 17,254                    | 500,057                  |              |
| Goods carried:                       |   |                        |          |           |                         |                        |                           |                          |              |
| Cargo .....                          | 8,006,416                               | 256,979                | 95,350   | 352,329   | 8,358,745               | 777,265                | 1,564,892                 | 10,812,998               |              |
| Excess baggage .....                 | 104,723(5)                              | 425                    | 6,948    | 7,373     | 112,096                 | 148,745                | 190,680                   | 4,144,579                |              |
| Mail .....                           | 3,652,054                               | 129,586                | 23,514   | 153,100   | 3,805,154               | 926,010                | 1,755,572                 | 14,957,577               |              |
| Totals .....                         | 11,763,193                              | 386,990                | 125,812  | 512,802   | 12,275,995              | 1,755,572              | 1,755,572                 | 14,957,577               |              |
| Passenger-miles .....                | 321,737,862                             | 573,076                | 149,607  | 722,683   | 322,460,545             | 2,521,527              | 13,469,841                | 338,451,913              |              |
| Goods ton-miles:                     |   |                        |          |           |                         |                        |                           |                          |              |
| Cargo .....                          | 5,072,349                               | 15,524                 | 4,606    | 20,130    | 5,092,479               | 18,083                 | 584,729                   | 5,928,914                |              |
| Excess baggage .....                 | 233,337                                 | 65                     | 221      | 286       | 233,623                 | 3,132                  | 85,099                    | 1,684,383                |              |
| Mail .....                           | 1,571,693                               | 23,079                 | 1,380    | 24,459    | 1,596,152               | 21,215                 | 669,828                   | 7,613,297                |              |
| Totals .....                         | 6,877,379                               | 38,668                 | 6,207    | 44,875    | 6,922,254               | 21,215                 | 669,828                   | 7,613,297                |              |
| Bulk:                                |   |                        |          |           |                         |                        |                           |                          |              |
| Departures .....                     | 1,493                                   | 2,256                  | 5,082    | 7,338     | 8,831                   | ..                     | ..                        | ..                       |              |
| Hours flown .....                    | 1,947                                   | 2,833                  | 4,172    | 7,005     | 8,952                   | 17                     | 22                        | 8,991                    |              |
| Miles flown .....                    | 339,775                                 | 309,796                | 437,190  | 746,986   | 1,086,761               | 7,490                  | 9,980                     | 1,104,231                |              |
| Passengers carried .....             | 6,267                                   | 6,423                  | 8,080    | 14,503    | 20,770                  | 2,139                  | 677                       | 23,586                   |              |
| Freight carried .....                | 1,244,350                               | 1,608,456              | 820,076  | 2,428,532 | 3,672,882               | -                      | 7,587                     | 3,680,469                |              |
| Passenger-miles(6) .....             | 9,396,463                               | 2,534,476              | 163,617  | 2,698,093 | 12,094,556              | ..                     | ..                        | ..                       |              |
| Goods ton-miles(6) .....             | 301,692                                 | 123,161                | 17,242   | 140,403   | 442,095                 | ..                     | ..                        | ..                       |              |
| Revenue non-transportation services: |   |                        |          |           |                         |                        |                           |                          |              |
| Specialty flying - Hours flown "     | 103                                     | 434                    | 3,494    | 3,928     | 4,031                   | -                      | -                         | 4,031                    |              |

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

January 1965

|                                    | Canadian carriers                        |                        |          |         |           | Total Canadian carriers | Foreign carriers(2)    |                           | Grand total all carriers | Year to date |
|------------------------------------|--|------------------------|----------|---------|-----------|-------------------------|------------------------|---------------------------|--------------------------|--------------|
|                                    | Scheduled carriers<br>Groups I and II(1) | Non-scheduled carriers |          |         | Total     |                         | United States carriers | Other Foreign carriers(3) |                          |              |
|                                    |  | Group III(1)           | Group IV | Group V |           |                         |                        |                           |                          |              |
| Total - All services:              |  |                        |          |         |           |                         |                        |                           |                          |              |
| Revenue:                           |  |                        |          |         |           |                         |                        |                           |                          |              |
| Traffic, miles and hours:(7)       |  |                        |          |         |           |                         |                        |                           |                          |              |
| Departures .....                   | 18,221                                   | 4,084                  | 5,485    |         | 9,569     | 27,790                  |                        |                           |                          |              |
| Hours flown .....                  | 23,944                                   | 4,878                  | 7,914    |         | 12,792    | 36,736                  |                        |                           |                          |              |
| Miles flown .....                  | 6,291,894                                | 492,640                | 468,028  |         | 960,668   | 7,252,562               |                        |                           |                          |              |
| Passengers carried .....           | 421,218                                  | 11,918                 | 10,749   |         | 22,667    | 443,885                 |                        |                           |                          |              |
| Cargo carried .....                | 9,250,766                                | 1,865,435              | 915,426  |         | 2,780,861 | 12,031,627              |                        |                           |                          |              |
| Goods carried .....                | 13,007,543                               | 1,995,446              | 945,888  |         | 2,943,334 | 15,948,877              |                        |                           |                          |              |
| Passenger-miles(6) .....           | 331,134,325                              | 3,107,352              | 313,224  |         | 3,420,776 | 334,555,101             |                        |                           |                          |              |
| Goods ton-miles(6) .....           | 7,179,071                                | 161,829                | 23,449   |         | 185,278   | 7,364,349               |                        |                           |                          |              |
| Non-revenue:                       |  |                        |          |         |           |                         |                        |                           |                          |              |
| Hours flown .....                  | 717                                      | 351                    | 278      |         | 629       | 1,346                   |                        |                           |                          |              |
| Passengers carried .....           | 2,756                                    | 5                      | 9        |         | 14        | 2,770                   |                        |                           |                          |              |
| Goods carried .....                | 201,201                                  | -                      | -        |         | -         | 201,201                 |                        |                           |                          |              |
| Passenger-miles .....              | 16,996,550                               | 1,272                  | -        |         | 1,272     | 16,997,822              |                        |                           |                          |              |
| Goods ton-miles .....              | 484,264                                  | -                      | -        |         | -         | 484,264                 |                        |                           |                          |              |
| Fuel and oil consumed:             |  |                        |          |         |           |                         |                        |                           |                          |              |
| Turbo fuel - Quantity .....        | 15,875,560                               | -                      | 5,002    |         | 5,002     | 15,880,562              |                        |                           |                          |              |
| Cost .....                         | 2,213,207                                | -                      | 1,752    |         | 1,752     | 2,214,959               |                        |                           |                          |              |
| Gasoline - Quantity .....          | 871,455                                  | 209,882                | 123,357  |         | 333,239   | 1,204,694               |                        |                           |                          |              |
| Cost .....                         | 280,072                                  | 90,384                 | 52,578   |         | 142,962   | 423,034                 |                        |                           |                          |              |
| Turbo oil - Quantity .....         | 3,430                                    | -                      | 1        |         | 1         | 3,431                   |                        |                           |                          |              |
| Cost .....                         | 34,226                                   | -                      | 15       |         | 15        | 34,241                  |                        |                           |                          |              |
| Other oil - Quantity .....         | 10,541                                   | 2,239                  | 1,703    |         | 3,942     | 14,483                  |                        |                           |                          |              |
| Cost .....                         | 11,858                                   | 3,262                  | 2,701    |         | 5,963     | 17,821                  |                        |                           |                          |              |
| Average number of employees:       |  |                        |          |         |           |                         |                        |                           |                          |              |
| Pilots and co-pilots .....         | 1,042                                    | 237                    | 228      |         | 465       | 1,507                   |                        |                           |                          |              |
| Other flight personnel .....       | 1,034                                    | 14                     | 21       |         | 35        | 1,069                   |                        |                           |                          |              |
| General management .....           | 311                                      | 88                     | 82       |         | 170       | 481                     |                        |                           |                          |              |
| Maintenance labour .....           | 3,717                                    | 260                    | 215      |         | 475       | 4,192                   |                        |                           |                          |              |
| Aircraft & traffic servicing ..... | 5,099                                    | 76                     | 31       |         | 107       | 5,206                   |                        |                           |                          |              |
| Other personnel .....              | 4,588                                    | 128                    | 75       |         | 203       | 4,791                   |                        |                           |                          |              |
| Totals .....                       | 15,791                                   | 803                    | 652      |         | 1,455     | 17,246                  |                        |                           |                          |              |
| Salaries and wages paid:           |  |                        |          |         |           |                         |                        |                           |                          |              |
| Pilots and co-pilots .....         | 1,264,361                                | 153,701                | 121,713  |         | 275,414   | 1,539,775               |                        |                           |                          |              |
| Other flight personnel .....       | 530,244                                  | 7,077                  | 6,099    |         | 13,176    | 543,420                 |                        |                           |                          |              |
| General management .....           | 280,754                                  | 58,949                 | 48,423   |         | 107,272   | 388,026                 |                        |                           |                          |              |
| Maintenance labour .....           | 1,941,793                                | 122,841                | 92,793   |         | 215,634   | 2,157,427               |                        |                           |                          |              |
| Aircraft & traffic servicing ..... | 2,548,108                                | 25,805                 | 13,171   |         | 38,976    | 2,587,084               |                        |                           |                          |              |
| Other personnel .....              | 2,387,403                                | 45,640                 | 23,009   |         | 68,649    | 2,456,052               |                        |                           |                          |              |
| Totals .....                       | 8,952,663                                | 413,913                | 305,208  |         | 719,121   | 9,671,784               |                        |                           |                          |              |
|                                    |  |                        |          |         |           |                         | 157,430                | 325,924                   | 10,155,138               |              |

(1) Group I: non-scheduled carriers included with Group III for purposes of this report.

(2) See "Foreign Carriers", page 7, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Group I carriers.

(6) Excludes chartered aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(7) These data exclude non-transportation services, except for hours flown.

(8) Includes excess baggage.

(9) Data in Tables 4, 5, 6, 7, 8 and 9 included in this table.

TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group  
January 1965

|                                       | Scheduled carriers |             |               | Non-scheduled carriers |             |             |     | Grand total | Year to date |
|---------------------------------------|--------------------|-------------|---------------|------------------------|-------------|-------------|-----|-------------|--------------|
|                                       | Group I            | Group II(1) | Total         | Group III(1)           | Group IV    | Total       |     |             |              |
|                                       | dollars            |             |               |                        |             |             |     |             |              |
| Operating revenues:                   |                    |             |               |                        |             |             |     |             |              |
| Unit toll transportation:             |                    |             |               |                        |             |             |     |             |              |
| Passengers .....                      | 18,023,554         | 786,000     | 18,809,554    | 89,456                 | 29,880      | 119,336     |     | 18,928,890  |              |
| Express .....                         | 357,352            | 16,055      | 373,407       | 6,168                  | 2,938       | 9,106       |     | 382,513     |              |
| Freight .....                         | 1,157,230          | 168,070     | 1,325,300     | 22,978                 | 2,741       | 25,719      |     | 1,351,019   |              |
| Excess baggage .....                  | 103,572            | 12,968      | 116,540       | 1                      | 437         | 438         |     | 116,976     |              |
| Mail .....                            | 1,281,990          | 130,821     | 1,412,811     | 38,956                 | 5,279       | 44,235      |     | 1,457,046   |              |
| Total unit toll transportation ..     | 20,923,698         | 1,113,914   | 22,037,612    | 157,557                | 41,275      | 198,832     |     | 22,236,444  |              |
| Bulk transportation .....             | 238,867            | 359,789     | 598,656       | 406,235                | 331,350     | 737,585     |     | 1,336,241   |              |
| Total transportation .....            | 21,162,565         | 1,473,703   | 22,636,268    | 563,792                | 372,625     | 936,417     |     | 23,572,685  |              |
| Other flying services .....           | 1,118              | 10,018      | 11,136        | 49,946                 | 127,438     | 177,384     |     | 188,520     |              |
| Total flying services .....           | 21,163,683         | 1,483,721   | 22,647,404    | 613,738                | 500,063     | 1,113,801   |     | 23,761,205  |              |
| Non-flying services .....             | 294,557            | 29,794      | 324,351       | 35,619                 | 40,586      | 76,205      |     | 400,556     |              |
| Total operating revenues .....        | 21,458,240         | 1,513,515   | 22,971,755    | 649,357                | 540,649     | 1,190,006   |     | 24,161,761  |              |
| Operating expenses:                   |                    |             |               |                        |             |             |     |             |              |
| Flying operations .....               | 5,343,257          | 543,023     | 5,886,280     | 369,267                | 241,843     | 611,110     |     | 6,497,390   |              |
| Maintenance .....                     | 4,618,333          | 491,389     | 5,109,722     | 309,740                | 193,144     | 502,884     |     | 5,612,606   |              |
| General services and administration:  |                    |             |               |                        |             |             |     |             |              |
| Passenger service .....               | 1,787,820          | 58,203      | 1,846,023     |                        |             |             |     |             |              |
| Aircraft and traffic servicing .....  | 3,368,226          | 266,361     | 3,634,587     |                        |             |             |     |             |              |
| Promotion and sales .....             | 3,493,053          | 110,101     | 3,603,154     |                        |             |             |     |             |              |
| General administration .....          | 963,360            | 111,529     | 1,074,889     |                        |             |             |     |             |              |
| Totals .....                          | 9,612,459          | 546,194     | 10,158,653    | 213,504                | 160,404     | 373,908     |     | 10,532,561  |              |
| Depreciation and amortization .....   | 2,458,372          | 119,501     | 2,577,873     | 95,070                 | 86,993      | 182,063     |     | 2,759,936   |              |
| Total operating expenses .....        | 22,032,421         | 1,700,107   | 23,732,528    | 987,581                | 682,384     | 1,669,965   |     | 25,402,493  |              |
| Operating income (loss) .....         | Dr. 574,181        | Dr. 186,592 | Dr. 760,773   | Dr. 338,224            | Dr. 141,735 | Dr. 479,959 | Dr. | 1,240,732   |              |
| Non-operating income - Net:           |                    |             |               |                        |             |             |     |             |              |
| Capital gains and losses .....        |                    |             |               | 13,948                 | 558         | 14,506      |     | 14,506      |              |
| Interest and discounts .....          | 191,450            | 31          | 191,481       | 2,473                  | 1,721       | 2,473       |     | 192,233     |              |
| Miscellaneous non-operating income .. | 4,055              | 1,734       | 2,321         | 1,091                  | 4,375       | 3,284       |     | 5,605       |              |
| Income before interest expense .....  | Dr. 378,676        | Dr. 188,295 | Dr. 566,971   | Dr. 322,894            | Dr. 138,523 | Dr. 461,417 | Dr. | 1,028,388   |              |
| Interest expense .....                | 955,904            | 56,257      | 1,012,161     | 24,595                 | 13,176      | 37,771      |     | 1,049,932   |              |
| Income before income taxes .....      | Dr. 1,334,580      | Dr. 244,552 | Dr. 1,579,132 | Dr. 347,489            | Dr. 151,699 | Dr. 499,188 | Dr. | 2,078,320   |              |
| Provision for income taxes .....      |                    |             |               | Cr. 12,979             | 17,108      | 4,129       |     | 4,129       |              |
| Net income after income taxes .....   | Dr. 1,334,580      | Dr. 244,552 | Dr. 1,579,132 | Dr. 334,510            | Dr. 168,807 | Dr. 503,317 | Dr. | 2,082,449   |              |

(1) Group II non-scheduled carriers included with Group III for purposes of this report.  
(2) Data in Tables 3, 8 and 10 included in this table.



TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

January 1965

|                                       | Canadian<br>Pacific<br>Air Lines | Eastern<br>Provincial<br>Airways<br>(1963) | Pacific<br>Western<br>Airlines | Quebecair<br>Inc. | Transair<br>Ltd. | Air<br>Canada | Total      | Year<br>to<br>date |
|---------------------------------------|----------------------------------|--|--------------------------------|-------------------|------------------|---------------|------------|--------------------|
| dollars                               |                                  |  |                                |                   |                  |               |            |                    |
| Operating revenues:                   |                                  |  |                                |                   |                  |               |            |                    |
| Unit toll transportation:             |                                  |  |                                |                   |                  |               |            |                    |
| Passengers .....                      | 4,283,747                        | 147,954                                    | 292,418                        | 229,094           | 116,534          | 13,739,807    | 18,809,554 |                    |
| Express .....                         | 21,199                           | 4,073                                      | 9,679                          | -                 | 2,303            | 336,153       | 373,407    |                    |
| Freight .....                         | 282,805                          | 57,065                                     | 68,160                         | 25,070            | 17,775           | 874,425       | 1,325,300  |                    |
| Excess baggage .....                  | 29,102                           | 1,301                                      | 7,046                          | 3,675             | 946              | 74,470        | 116,540    |                    |
| Mail .....                            | 281,080                          | 56,493                                     | 43,275                         | 6,789             | 24,264           | 1,000,910     | 1,412,811  |                    |
| Total unit toll transportation ..     | 4,897,933                        | 266,886                                    | 420,578                        | 264,628           | 161,822          | 16,025,765    | 22,037,612 |                    |
| Bulk transportation .....             | 65,524                           | 76,780                                     | 138,397                        | 4,331             | 140,281          | 173,343       | 598,656    |                    |
| Total transportation .....            | 4,963,457                        | 343,666                                    | 558,975                        | 268,959           | 302,103          | 16,199,108    | 22,636,268 |                    |
| Other flying services .....           | -                                | 10,018                                     | -                              | -                 | -                | 1,118         | 11,136     |                    |
| Total flying services .....           | 4,963,457                        | 353,684                                    | 558,975                        | 268,959           | 302,103          | 16,200,226    | 22,647,404 |                    |
| Non-flying services .....             | 50,615                           | 10,858                                     | 4,016                          | 12,300            | 2,620            | 243,942       | 324,351    |                    |
| Total operating revenues .....        | 5,014,072                        | 364,542                                    | 562,991                        | 281,259           | 304,723          | 16,444,168    | 22,971,755 |                    |
| Operating expenses:                   |                                  |  |                                |                   |                  |               |            |                    |
| Flying operations .....               | 1,759,649                        | 125,822                                    | 223,731                        | 71,014            | 122,456          | 3,583,608     | 5,886,280  |                    |
| Maintenance .....                     | 708,703                          | 140,164                                    | 133,177                        | 86,097            | 131,951          | 3,909,630     | 5,109,722  |                    |
| General services and administrations: |                                  |  |                                |                   |                  |               |            |                    |
| Passenger service .....               | 425,027                          | 13,621                                     | 21,803                         | 8,578             | 14,201           | 1,362,793     | 1,846,023  |                    |
| Aircraft and traffic servicing ....   | 612,739                          | 86,115                                     | 133,954                        | 30,096            | 16,196           | 2,755,487     | 3,634,587  |                    |
| Promotion and sales .....             | 982,960                          | 1,389                                      | 25,450                         | 48,431            | 34,831           | 2,510,093     | 3,603,154  |                    |
| General administration .....          | 192,021                          | 26,960                                     | 38,227                         | 26,228            | 20,114           | 771,339       | 1,074,889  |                    |
| Totals .....                          | 2,212,747                        | 128,085                                    | 219,434                        | 113,333           | 85,342           | 7,399,712     | 10,158,653 |                    |
| Depreciation and amortization .....   | 180,989                          | 52,071                                     | 29,347                         | 24,131            | 13,952           | 2,277,383     | 2,577,873  |                    |
| Total operating expenses .....        | 4,862,088                        | 446,142                                    | 605,689                        | 294,575           | 353,701          | 17,170,333    | 23,732,528 |                    |
| Operating income (loss) .....         | 151,984 Dr.                      | 81,600 Dr.                                 | 42,698 Dr.                     | 13,316 Dr.        | 48,978 Dr.       | 726,165 Dr.   | 760,773    |                    |
| Non-operating income - Net:           |                                  |  |                                |                   |                  |               |            |                    |
| Capital gains and losses .....        | -                                | -  | -                              | -                 | -                | -             | -          |                    |
| Interest and discounts .....          | 37,427                           | 12   | 19                             | -                 | 567              | 154,023       | 191,481    |                    |
| Miscellaneous non-operating income .. | 1,286                            | 14   | 45                             | 1,226 Dr.         | -                | 2,769         | 2,321      |                    |
| Income before interest expense .....  | 190,697 Dr.                      | 81,574 Dr.                                 | 42,653 Dr.                     | 14,542 Dr.        | 49,526 Dr.       | 569,373 Dr.   | 566,971    |                    |
| Interest expense .....                | -                                | 30,482                                     | 9,963                          | 11,091            | 4,720            | 955,904       | 1,012,160  |                    |
| Income before income taxes .....      | 190,697 Dr.                      | 112,056 Dr.                                | 52,616 Dr.                     | 25,633 Dr.        | 54,246 Dr.       | 1,525,277 Dr. | 1,579,131  |                    |
| Provision for income taxes .....      | -                                | -  | -                              | -                 | -                | -             | -          |                    |
| Net income after income taxes .....   | 190,697 Dr.                      | 112,056 Dr.                                | 52,616 Dr.                     | 25,633 Dr.        | 54,246 Dr.       | 1,525,277 Dr. | 1,579,131  |                    |

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

January 1965

|   | Group I carriers           |             |             | Group II carriers                 |                             |                    |                   | Grand total |
|---|----------------------------|-------------|-------------|-----------------------------------|-----------------------------|--------------------|-------------------|-------------|
|   | Canadian Pacific Air Lines | Air Canada  | Total       | Eastern Provincial Airways (1963) | Pacific Western Airlines(1) | Quebecair Inc. (1) | Transair Ltd. (1) |             |
| Revenue transportation services:                      |                            |             |             |                                   |                             |                    |                   |             |
| Unit toll:  |                            |             |             |                                   |                             |                    |                   |             |
| Departures .....                                      | 1,662                      | 10,896      | 12,558      | 1,016                             | 1,203                       | 975                | 976               | 16,728      |
| Hours flown .....                                     | 3,479                      | 14,251      | 17,730      | 1,015                             | 1,303                       | 816                | 1,030             | 21,894      |
| Miles scheduled .....                                 | 1,194,321                  | 3,983,355   | 5,177,676   | 58,054                            | 184,101                     | 87,917             | 80,184            | 5,587,932   |
| Miles flown:  |                            |             |             |                                   |                             |                    |                   |             |
| Scheduled - Regular .....                             | 1,188,568                  | 3,806,424   | 4,994,992   | 50,140                            | 170,627                     | 86,660             | 78,093            | 5,380,512   |
| Extra section .....                                   | 35,853                     | 248,068     | 281,921     | 11,804                            | 5,178                       | 2,028              | 4,899             | 305,830     |
| Non-scheduled .....                                   | 35,697                     | -           | 35,697      | 93,064                            | 22,171                      | 52,962             | 61,883            | 265,777     |
| Totals .....  | 1,258,118                  | 4,054,492   | 5,312,610   | 155,008                           | 197,976                     | 141,650            | 144,875           | 5,952,119   |
| Ratio of regular miles flown to miles scheduled ..... | 99.5                       | 95.6        | 96.5        | 86.4                              | 92.7                        | 98.6               | 97.4              | 96.3        |
| Passengers carried .....                              | 45,279                     | 336,747     | 382,026     | 6,556                             | 13,215                      | 8,965              | 4,189             | 414,951     |
| Goods carried:  |                            |             |             |                                   |                             |                    |                   |             |
| Freight .....   | 752,354                    | 4,910,268   | 5,662,622   | 518,333                           | 534,086                     | 133,664            | 109,518           | 6,958,223   |
| Express .....   | 98,160                     | 887,436     | 985,596     | 24,845                            | 28,271                      | -                  | 9,481             | 1,048,193   |
| Excess baggage(2) .....                               | 50,376                     | 50,376      | 50,376      | 9,171                             | 20,018                      | 19,908             | 5,250             | 54,347      |
| Mail .....  | 233,583                    | 2,973,926   | 3,207,509   | 179,484                           | 136,818                     | 32,918             | 95,325            | 3,652,054   |
| Totals .....  | 1,134,473                  | 8,771,630   | 9,906,103   | 731,833                           | 719,193                     | 186,490            | 219,574           | 11,763,193  |
| Passenger-miles:                                      |                            |             |             |                                   |                             |                    |                   |             |
| Scheduled .....                                       | 79,417,054                 | 232,200,842 | 311,617,896 | 517,505                           | 3,307,497                   | 1,802,635          | 1,091,682         | 318,337,215 |
| Non-scheduled .....                                   | 955,967                    | -           | 955,967     | 1,047,218                         | 76,136                      | 1,086,659          | 234,667           | 3,400,647   |
| Totals .....  | 80,373,021                 | 232,200,842 | 312,573,863 | 1,564,723                         | 3,383,633                   | 2,889,294          | 1,326,349         | 321,737,862 |
| Available seat-miles on scheduled services .....      | 151,483,999                | 380,846,982 | 532,330,981 | 1,370,531                         | 8,122,142                   | 3,026,320          | 2,994,581         | 547,844,555 |
| Passenger load factor on scheduled services .....     | 52.4                       | 61.0        | 58.5        | 37.8                              | 40.7                        | 59.6               | 36.5              | 58.1        |
| Goods ton-miles:                                      |                            |             |             |                                   |                             |                    |                   |             |
| Freight - Scheduled .....                             | 853,660                    | 3,491,259   | 4,344,919   | 120,857                           | 139,267                     | 24,674             | 5,951             | 4,635,668   |
| Non-scheduled .....                                   | 2,223                      | -           | 2,223       | 7,183                             | 2,322                       | 9,363              | 12,867            | 31,735      |
| Totals .....  | 855,883                    | 3,491,259   | 4,347,142   | 128,040                           | 141,589                     | 34,037             | 18,818            | 4,669,826   |
| Express - Scheduled .....                             | 25,102                     | 365,397     | 390,499     | 1,530                             | 6,978                       | -                  | 1,629             | 400,636     |
| Non-scheduled .....                                   | 692                        | -           | 692         | 1,049                             | -                           | -                  | 346               | 1,995       |
| Totals .....  | 25,794                     | 365,397     | 391,191     | 2,579                             | 6,978                       | -                  | 1,975             | 402,723     |

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Continued

January 1965

|   | Group I carriers           |             |             | Group II carriers                 |                              |                    |                   |            | Grand total |
|---|----------------------------|-------------|-------------|-----------------------------------|------------------------------|--------------------|-------------------|------------|-------------|
|   | Canadian Pacific Air Lines | Air Canada  | Total       | Eastern Provincial Airways (1963) | Pacific Western Airlines (1) | Quebecair Inc. (1) | Transair Ltd. (1) | Total (1)  |             |
| Revenue transportation services - Concluded:      |                            |             |             |                                   |                              |                    |                   |            |             |
| Unit toll - Concluded:                            |                            |             |             |                                   |                              |                    |                   |            |             |
| Goods ton-miles - Concluded:                      |                            |             |             |                                   |                              |                    |                   |            |             |
| Excess baggage - Scheduled .....                  | 53,109                     | 171,423     | 224,532     | 600                               | 2,970                        | 1,779              | 883               | 6,232      | 230,764     |
| Non-scheduled ..                                  | 90                         | -           | 90          | 755                               | 94                           | 1,454              | 180               | 2,483      | 2,573       |
| Totals .....                                      | 53,199                     | 171,423     | 224,622     | 1,355                             | 3,064                        | 3,233              | 1,063             | 8,715      | 233,337     |
| Mail - Scheduled .....                            | 274,545                    | 1,212,107   | 1,486,652   | 12,239                            | 38,766                       | 3,092              | 4,941             | 59,038     | 1,545,690   |
| Non-scheduled ..                                  | 2,929                      | -           | 2,929       | 13,951                            | 314                          | 2,046              | 6,763             | 23,074     | 26,003      |
| Totals .....                                      | 277,474                    | 1,212,107   | 1,489,581   | 26,190                            | 39,080                       | 5,138              | 11,704            | 82,112     | 1,571,693   |
| Total - Scheduled .....                           | 1,206,416                  | 5,240,186   | 6,446,602   | 135,226                           | 187,981                      | 29,545             | 13,404            | 366,156    | 6,812,758   |
| Non-scheduled ..                                  | 5,934                      | -           | 5,934       | 22,938                            | 2,730                        | 12,863             | 20,156            | 58,687     | 64,621      |
| Totals .....                                      | 1,212,350                  | 5,240,186   | 6,452,536   | 158,164                           | 190,711                      | 42,408             | 33,560            | 424,843    | 6,877,379   |
| Available ton-miles on scheduled services .....   | 19,688,423                 | 57,858,210  | 77,546,633  | 382,570                           | 943,758                      | 300,323            | 324,034           | 1,950,685  | 79,497,318  |
| Weight load factor on scheduled services(3) ..... | 46.5                       | 49.2        | 48.5        | 48.9                              | 55.0                         | 69.9               | 37.8              | 53.2       | 48.6        |
| Bulk:   |                            |             |             |                                   |                              |                    |                   |            |             |
| Departures .....                                  | 20                         | 63          | 83          | 220                               | 971                          | 5                  | 214               | 1,410      | 1,493       |
| Hours flown .....                                 | 68                         | 205         | 273         | 310                               | 870                          | 15                 | 479               | 1,674      | 1,947       |
| Miles flown .....                                 | 28,713                     | 88,417      | 117,130     | 29,398                            | 108,674                      | 2,806              | 81,767            | 222,645    | 339,775     |
| Passengers carried .....                          | 644                        | 1,859       | 2,503       | 626                               | 2,266                        | -                  | 872               | 3,764      | 6,267       |
| Freight carried .....                             | lb.                        | -           | -           | 83,926                            | 726,329                      | 12,000             | 422,095           | 1,244,350  | 1,244,350   |
| Passenger-miles(4) .....                          | 1,652,374                  | 5,116,310   | 6,768,684   | 125,240                           | 1,615,261                    | -                  | 887,278           | 2,627,779  | 9,396,463   |
| Goods ton-miles(4) .....                          | -                          | -           | -           | 3,918                             | 11,380                       | 19,642             | 266,752           | 301,692    | 301,692     |
| Revenue non-transportation services:              |                            |             |             |                                   |                              |                    |                   |            |             |
| Specialty flying - Hours flown .....              | -                          | 5           | 5           | 98                                | -                            | -                  | -                 | 98         | 103         |
| Total - All services:                             |                            |             |             |                                   |                              |                    |                   |            |             |
| Traffic, hours and miles:(5)                      |                            |             |             |                                   |                              |                    |                   |            |             |
| Revenue:  |                            |             |             |                                   |                              |                    |                   |            |             |
| Departures .....                                  | 1,682                      | 10,959      | 12,641      | 1,236                             | 2,174                        | 980                | 1,190             | 5,580      | 18,221      |
| Hours flown .....                                 | 3,547                      | 14,461      | 18,008      | 1,423                             | 2,173                        | 831                | 1,509             | 5,936      | 23,944      |
| Miles flown .....                                 | 1,286,831                  | 4,142,909   | 5,429,740   | 184,406                           | 306,650                      | 144,456            | 226,642           | 862,154    | 6,291,894   |
| Passengers carried .....                          | 65,923                     | 338,606     | 384,529     | 7,182                             | 15,481                       | 8,965              | 5,061             | 36,689     | 421,218     |
| Cargo carried .....                               | 850,514                    | 5,797,704   | 6,648,218   | 627,104                           | 1,288,686                    | 145,664            | 541,094           | 2,601,548  | 9,250,766   |
| Goods carried .....                               | 1,134,473                  | 8,771,630   | 9,906,103   | 815,759                           | 1,445,522                    | 198,490            | 641,669           | 3,101,440  | 13,007,543  |
| Passenger-miles(4) .....                          | 82,025,395                 | 237,317,152 | 319,342,547 | 1,689,963                         | 4,998,894                    | 2,889,294          | 2,213,627         | 11,791,778 | 331,134,325 |
| Goods ton-miles(4) .....                          | 1,212,350                  | 5,240,186   | 6,452,536   | 162,082                           | 202,091                      | 62,050             | 300,312           | 726,535    | 7,179,071   |

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

January 1965

|  | Group I carriers           |            |            | Group II carriers                 |                             |                    |                   |          | Grand total |
|--|----------------------------|------------|------------|-----------------------------------|-----------------------------|--------------------|-------------------|----------|-------------|
|  | Canadian Pacific Air Lines | Air Canada | Total      | Eastern Provincial Airways (1963) | Pacific Western Airlines(1) | Quebecair Inc. (1) | Transair Ltd. (1) | Total(1) |             |
| Total - All services - Concluded:        |                            |            |            |                                   |                             |                    |                   |          |             |
| Traffic, hours and miles - Concluded:(5) |                            |            |            |                                   |                             |                    |                   |          |             |
| Non-revenue:                             |                            |            |            |                                   |                             |                    |                   |          |             |
| Hours flown .....                        | 112                        | 398        | 510        | 79                                | 59                          | 31                 | 38                | 207      | 717         |
| Passengers carried .....                 | 1,773                      | -          | 1,773      | 512                               | 223                         | 145                | 103               | 983      | 2,756       |
| Goods carried .....                      | 142,703                    | -          | 142,703    | 8,637                             | 35,235                      | -                  | 14,626            | 58,498   | 201,201     |
| Passenger-miles .....                    | 4,152,146                  | 12,447,834 | 16,599,980 | 204,190                           | 102,573                     | 38,670             | 51,137            | 396,570  | 16,996,550  |
| Goods ton-miles .....                    | 108,783                    | 358,634    | 466,417    | 2,420                             | 12,052                      | -                  | 3,375             | 17,847   | 484,264     |
| Fuel and oil consumed:                   |                            |            |            |                                   |                             |                    |                   |          |             |
| Turbo fuel - Quantity .....              | 3,708,750                  | 11,863,054 | 15,571,804 | 127,160                           | -                           | 119,795            | 56,801            | 303,756  | 15,875,560  |
| Cost .....                               | 605,616                    | 1,542,725  | 2,148,341  | 26,704                            | -                           | 25,157             | 13,005            | 64,866   | 2,213,207   |
| Gasoline - Quantity .....                | 401,793                    | -          | 401,793    | 58,867                            | 257,382                     | 24,536             | 128,877           | 469,662  | 871,455     |
| Cost .....                               | 110,830                    | -          | 110,830    | 18,916                            | 92,729                      | 8,097              | 49,500            | 169,242  | 280,072     |
| Turbo oil - Quantity .....               | 302                        | 2,866      | 3,168      | 64                                | -                           | 192                | 6                 | 262      | 3,430       |
| Cost .....                               | 2,441                      | 30,093     | 32,534     | 960                               | -                           | 672                | 60                | 1,692    | 34,226      |
| Other oil - Quantity .....               | 3,863                      | -          | 3,863      | 904                               | 3,405                       | 796                | 1,573             | 6,678    | 10,541      |
| Cost .....                               | 4,144                      | -          | 4,144      | 1,131                             | 4,256                       | 637                | 1,690             | 7,714    | 11,858      |
| Average number of employees:             |                            |            |            |                                   |                             |                    |                   |          |             |
| Pilots and co-pilots .....               | 225                        | 619        | 844        | 54                                | 72                          | 28                 | 44                | 198      | 1,042       |
| Other flight personnel .....             | 253                        | 703        | 956        | 13                                | 33                          | 12                 | 20                | 78       | 1,034       |
| General management .....                 | 116                        | 65         | 181        | 8                                 | 53                          | 50                 | 19                | 130      | 311         |
| Maintenance labour .....                 | 525                        | 2,647      | 3,172      | 194                               | 182                         | 66                 | 103               | 545      | 3,717       |
| Aircraft and traffic servicing .....     | 891                        | 3,832      | 4,723      | 104                               | 102                         | 116                | 54                | 376      | 5,099       |
| Other personnel .....                    | 688                        | 3,775      | 4,463      | 39                                | 24                          | 8                  | 54                | 125      | 4,588       |
| Total employees .....                    | 2,698                      | 11,641     | 14,339     | 412                               | 466                         | 280                | 294               | 1,452    | 15,791      |
| Salaries and wages:                      |                            |            |            |                                   |                             |                    |                   |          |             |
| Pilots and co-pilots .....               | 284,340                    | 815,481    | 1,099,821  | 45,594                            | 60,653                      | 22,637             | 35,656            | 164,540  | 1,264,361   |
| Other flight personnel .....             | 176,895                    | 328,246    | 505,141    | 4,548                             | 10,371                      | 4,005              | 6,179             | 25,103   | 530,244     |
| General management .....                 | 100,600                    | 115,473    | 216,073    | 8,116                             | 24,384                      | 19,585             | 12,596            | 64,681   | 280,754     |
| Maintenance labour .....                 | 265,289                    | 1,416,923  | 1,682,212  | 87,599                            | 95,849                      | 34,405             | 41,728            | 259,581  | 1,941,793   |
| Aircraft and traffic servicing .....     | 395,852                    | 1,983,772  | 2,379,624  | 39,574                            | 65,624                      | 41,015             | 22,271            | 168,484  | 2,548,108   |
| Other personnel .....                    | 281,244                    | 2,073,964  | 2,355,208  | 13,552                            | 4,635                       | 4,265              | 9,743             | 32,195   | 2,387,403   |
| Total salaries and wages .....           | 1,504,220                  | 6,733,859  | 8,238,079  | 198,983                           | 261,516                     | 125,912            | 128,173           | 714,584  | 8,952,663   |

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Excludes Air Canada.

(3) Standard passenger weight used: 200 pounds.

(4) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(5) These data exclude non-transportation services, except for hours flown.

TABLE 5. Revenue Interline Traffic(1), Canadian Scheduled Carriers - All Services, by Company

January 1965

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|                                | Canadian<br>Pacific<br>Air Lines | Eastern<br>Provincial<br>Airways<br>(1963) | Pacific<br>Western<br>Airlines | Quebecair<br>Inc. | Transair<br>Ltd. | Air<br>Canada | Total      |
|--------------------------------|----------------------------------|--|--------------------------------|-------------------|------------------|---------------|------------|
| <b>Passengers carried:</b>     |                                  |  |                                |                   |                  |               |            |
| Originated .....               | 39,015                           | 6,512                                      | 12,564                         | 8,965             | 3,633            | 288,783       | 359,562    |
| Domestic interline .....       | 3,023                            | -  | -                              | -                 | -                | -             | -          |
| Foreign interline .....        | 3,052                            | -  | -                              | -                 | -                | 47,964        | 54,039     |
| Totals(2) .....                | 45,090                           | 6,512                                      | 12,564                         | 8,965             | 3,633            | 336,747       | 413,511    |
| <b>Express carried:</b>        |                                  |  |                                |                   |                  |               |            |
| Originated .....               | 98,160                           | 24,845                                     | 28,271                         | -                 | 9,481            | 887,436       | 1,048,193  |
| Domestic interline .....       | -                                | -  | -                              | -                 | -                | -             | -          |
| Foreign interline .....        | -                                | -  | -                              | -                 | -                | -             | -          |
| Totals(2) .....                | 98,160                           | 24,845                                     | 28,271                         | -                 | 9,481            | 887,436       | 1,048,193  |
| <b>Freight carried:</b>        |                                  |  |                                |                   |                  |               |            |
| Originated .....               | 647,460                          | 518,333                                    | 494,022                        | 133,664           | 46,040           | 4,910,268     | 6,749,787  |
| Domestic interline .....       | 19,996                           | -  | -                              | -                 | -                | -             | 19,996     |
| Foreign interline .....        | 36,415                           | -  | -                              | -                 | -                | -             | 36,415     |
| Totals(2) .....                | 703,871                          | 518,333                                    | 494,022                        | 133,664           | 46,040           | 4,910,268     | 6,806,198  |
| <b>Excess baggage carried:</b> |                                  |  |                                |                   |                  |               |            |
| Originated .....               | 50,376                           | 9,023                                      | 18,508                         | 19,908            | 5,140            | -             | 102,955(3) |
| Domestic interline .....       | -                                | -  | -                              | -                 | -                | -             | -          |
| Foreign interline .....        | -                                | -  | -                              | -                 | -                | -             | -          |
| Totals(2) .....                | 50,376                           | 9,023                                      | 18,508                         | 19,908            | 5,140            | -             | 102,955(3) |
| <b>Mail carried:</b>           |                                  |  |                                |                   |                  |               |            |
| Originated .....               | 233,583                          | 133,212                                    | 131,656                        | 32,918            | 25,849           | 2,973,926     | 3,531,144  |
| Domestic interline .....       | -                                | -  | -                              | -                 | -                | -             | -          |
| Foreign interline .....        | -                                | -  | -                              | -                 | -                | -             | -          |
| Totals(2) .....                | 233,583                          | 133,212                                    | 131,656                        | 32,918            | 25,849           | 2,973,926     | 3,531,144  |

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Board.

(2) Excludes division interline.

(3) Excludes Air Canada.



TABLE 6. Operating Statistics, Canadian International Carriers - All Revenue Services, by area of Service

January 1965

|  | Trans-<br>Atlantic<br>and Polar<br>Services | Southern<br>Services | Pacific<br>and<br>Orient<br>Services | Total<br>International<br>Services | Domestic<br>Services | Grand<br>total |
|--|---|----------------------|--------------------------------------|------------------------------------|----------------------|----------------|
| Unit toll:   |   |                      |                                      |                                    |                      |                |
| Departures .....   | 1,596                                       | 552                  | 149                                  | 2,632                              | 9,926                | 12,558         |
| Hours flown .....  | 2,271                                       | 1,180                | 943                                  | 5,956                              | 11,774               | 17,730         |
| Miles scheduled .....                                    | 553,126                                     | 607,480              | 397,810                              | 2,119,834                          | 3,057,842            | 5,177,676      |
| Miles flown:   |   |                      |                                      |                                    |                      |                |
| Scheduled - Regular .....                                | 489,364                                     | 596,901              | 397,810                              | 2,033,255                          | 2,961,737            | 4,994,992      |
| Extra sections .....                                     | 30,918                                      | 85,538               | 24,903                               | 141,359                            | 140,562              | 281,921        |
| Non-scheduled .....                                      | -   | -                    | -                                    | -                                  | 35,697               | 35,697         |
| Totals .....   | 520,282                                     | 682,439              | 422,713                              | 2,174,614                          | 3,137,996            | 5,312,610      |
| Ratio of regular miles flown to miles<br>scheduled ..... | 88.5  | 97.8                 | 100.0                                | 95.9                               | 96.9                 | 96.5           |
| Passengers carried .....                                 | ...   | ...                  | ...                                  | 130,397                            | 251,629              | 382,026        |
| Cargo carried .....                                      | ...   | ...                  | ...                                  | 2,773,381                          | 3,874,837            | 6,648,218      |
| Mail carried .....                                       | ...   | ...                  | ...                                  | 397,640                            | 2,809,869            | 3,207,509      |
| Passenger-miles .....                                    | 28,732,343                                  | 31,566,371           | 30,218,698                           | 142,979,052                        | 169,594,811          | 312,573,863    |
| Available seat-miles on scheduled services               | 42,299,946                                  | 71,414,344           | 52,495,619                           | 255,819,213                        | 276,511,768          | 532,330,981    |
| Passenger load factor on scheduled services              | 67.9  | 44.2                 | 57.6                                 | 55.9                               | 61.0                 | 58.5           |
| Goods ton-miles:   |   |                      |                                      |                                    |                      |                |
| Express .....  | 52,264                                      | 326,237              | 279,601                              | 52,264                             | 338,927              | 391,191        |
| Freight .....  | 282,249                                     | 1,197,758            | 13,874                               | 2,085,845                          | 2,261,297            | 4,347,142      |
| Excess baggage .....                                     | 21,286                                      | 27,855               | 50,958                               | 113,973                            | 110,649              | 224,622        |
| Mail .....   | 41,462                                      | 142,224              | 86,577                               | 414,848                            | 1,074,733            | 1,489,581      |
| Totals .....   | 397,261                                     | 1,367,837            | 438,060                              | 2,666,930                          | 3,785,606            | 6,452,536      |
| Available ton-miles on scheduled service                 | 5,950,903                                   | 10,986,407           | 7,094,155                            | 36,543,551                         | 41,003,082           | 77,546,633     |
| Weight load factor on scheduled services(1)              | 55.0  | 41.2                 | 48.8                                 | 46.4                               | 50.3                 | 48.5           |
| Bulk:  |   |                      |                                      |                                    |                      |                |
| Departures .....   | 47  | 83                   | -                                    | 141                                | ...                  | ...            |
| Hours flown .....  | 80  | 467                  | -                                    | 623                                | ...                  | ...            |
| Miles flown .....  | 17,316                                      | 156,795              | 19,130                               | 193,241                            | ...                  | ...            |
| Passengers carried .....                                 | 587   | 3,237                | 452                                  | 4,276                              | ...                  | ...            |
| Goods carried .....                                      | -   | 16,612               | -                                    | 16,612                             | ...                  | ...            |
| Passenger-miles(2) .....                                 | ...   | 1,420,124            | -                                    | 10,164,618                         | ...                  | ...            |
| Goods ton-miles(2) .....                                 | -   | 1,172                | -                                    | 1,172                              | ...                  | ...            |
| Total:   |   |                      |                                      |                                    |                      |                |
| Departures .....   | 1,643                                       | 563                  | 149                                  | 2,773                              | ...                  | ...            |
| Hours flown .....  | 2,351                                       | 1,647                | 943                                  | 6,579                              | ...                  | ...            |
| Miles flown .....  | 537,598                                     | 701,569              | 422,713                              | 2,367,855                          | ...                  | ...            |
| Passengers carried .....                                 | ...   | ...                  | ...                                  | 134,673                            | ...                  | ...            |
| Goods carried .....                                      | ...   | ...                  | ...                                  | 3,187,633(3)                       | ...                  | ...            |
| Passenger-miles(2) .....                                 | ...   | ...                  | 30,218,698                           | 153,143,670                        | ...                  | ...            |
| Goods ton-miles(2) .....                                 | 397,261                                     | 1,369,009            | 438,060                              | 2,668,102                          | ...                  | ...            |

(1) Standard passenger weight used: 200 pounds.

(2) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(3) Excludes Unit Toll Excess baggage.

TABLE 7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)

January 1965

|  | United States              |                 |           | Europe                    |                 |           |
|--|----------------------------|-----------------|-----------|---------------------------|-----------------|-----------|
|  | To                         | From            | Total     | To                        | From            | Total     |
| Passengers carried:                          |                            |                 |           |                           |                 |           |
| Unit toll ..... No.                          | 80,068                     | 77,998          | 158,066   | 8,624                     | 13,124          | 21,748    |
| Bulk ..... "                                 | 1,635                      | 1,192           | 2,827     | -                         | 2,182           | 2,182     |
| Totals ..... "                               | 81,703                     | 79,190          | 160,893   | 8,624                     | 15,306          | 23,930    |
| Freight, express and excess baggage carried: |                            |                 |           |                           |                 |           |
| Unit toll ..... lb.                          | 477,216                    | 2,067,900       | 2,545,116 | 601,728                   | 1,616,405       | 2,218,133 |
| Bulk ..... "                                 | -                          | -               | -         | 5,574                     | 2,013           | 7,587     |
| Totals ..... "                               | 477,216                    | 2,067,900       | 2,545,116 | 607,302                   | 1,618,418       | 2,225,720 |
| Mail carried (unit toll) ..... "             | 120,049                    | 253,836         | 373,885   | 118,265                   | 150,006         | 268,271   |
|  | All other areas            |                 |           | Totals                    |                 |           |
|  | To                         | From            | Total     | To                        | From            | Total     |
| Passengers carried:                          |                            |                 |           |                           |                 |           |
| Unit toll ..... No.                          | 10,946                     | 13,214          | 24,160    | 99,638                    | 104,336         | 203,974   |
| Bulk ..... "                                 | -                          | -               | -         | 1,635                     | 3,374           | 5,009     |
| Totals ..... "                               | 10,946                     | 13,214          | 24,160    | 101,273                   | 107,710         | 208,983   |
| Freight, express and excess baggage carried: |                            |                 |           |                           |                 |           |
| Unit toll ..... lb.                          | 161,063                    | 91,699          | 252,762   | 1,240,007                 | 3,776,004       | 5,016,011 |
| Bulk ..... "                                 | -                          | -               | -         | 5,574                     | 2,013           | 7,587     |
| Totals ..... "                               | 161,063                    | 91,699          | 252,762   | 1,245,581                 | 3,778,017       | 5,023,598 |
| Mail carried (unit toll) ..... "             | 31,170                     | 24,950          | 56,120    | 269,484                   | 428,792         | 698,276   |
|  | Total by Canadian carriers |                 |           | Total by Foreign carriers |                 |           |
|  | Leaving Canada             | Entering Canada | Total     | Leaving Canada            | Entering Canada | Total     |
| Passengers carried:                          |                            |                 |           |                           |                 |           |
| Unit toll ..... No.                          | 62,228                     | 64,804          | 127,032   | 37,410                    | 39,532          | 76,942    |
| Bulk ..... "                                 | 404                        | 1,789           | 2,193     | 1,231                     | 1,585           | 2,816     |
| Totals ..... "                               | 62,632                     | 66,593          | 129,225   | 38,641                    | 41,117          | 79,758    |
| Freight, express and excess baggage carried: |                            |                 |           |                           |                 |           |
| Unit toll ..... lb.                          | 810,354                    | 1,863,500       | 2,673,854 | 429,653                   | 1,912,504       | 2,342,157 |
| Bulk ..... "                                 | -                          | -               | -         | 5,574                     | 2,013           | 7,587     |
| Totals ..... "                               | 810,354                    | 1,863,500       | 2,673,854 | 435,227                   | 1,914,517       | 2,349,744 |
| Mail carried (unit toll) ..... "             | 168,300                    | 190,551         | 358,851   | 101,184                   | 238,241         | 339,425   |

(1) Passengers and goods in transit through Canada are excluded.

TABLE 8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service

January 1965

|                                      | Fixed wing aircraft |                |               |                | Helicopters   |                |               |                |
|--------------------------------------|---------------------|----------------|---------------|----------------|---------------|----------------|---------------|----------------|
|                                      | Month               |                | Year to date  |                | Month         |                | Year to date  |                |
|                                      | Revenue hours       | Revenue earned | Revenue hours | Revenue earned | Revenue hours | Revenue earned | Revenue hours | Revenue earned |
| Type of service:                     | No.                 | \$             | No.           | \$             | No.           | \$             | No.           | \$             |
| Aerial advertising .....             | -                   | -              |               |                | 37            | 3,667          |               |                |
| Aerial fish cultivation .....        | 23                  | -              |               |                | -             | -              |               |                |
| Aerial patrol and inspection .....   | 229                 | 12,308         |               |                | 246           | 21,032         |               |                |
| Aerial pest control .....            | -                   | -              |               |                | -             | -              |               |                |
| Aerial photography and survey .....  | 205                 | 38,856         |               |                | -             | -              |               |                |
| Aerial photography (excl. survey) .. | 17                  | 424            |               |                | 1             | 38             |               |                |
| Aircraft rental .....                | 62                  | 1,033          |               |                | -             | -              |               |                |
| Flying training .....                | 2,144               | 36,187         |               |                | 46            | 2,850          |               |                |
| Geophysical survey .....             | 285                 | 38,141         |               |                | -             | -              |               |                |
| Non-transportation charter .....     | -                   | -              |               |                | -             | -              |               |                |
| Philanthropic .....                  | -                   | -              |               |                | -             | -              |               |                |
| Recreational flying .....            | 601                 | 11,628         |               |                | -             | -              |               |                |
| Specialty flying - Other .....       | 5 Dr.               | 17             |               |                | 130           | 15,623         |               |                |
| Totals .....                         | 3,571               | 138,560        |               |                | 460           | 43,210         |               |                |

TABLE 9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV

January 1965

|                                       | Carriers operating helicopters only |              | Carriers operating both helicopters and fixed wing aircraft |              | Total   |              |
|---------------------------------------|-------------------------------------|--------------|---|--------------|---------|--------------|
|                                       | Month                               | Year to date | Month   | Year to date | Month   | Year to date |
| Carriers reporting .....              | No.                                 | 16           | 6   |              | 22      |              |
| Helicopters - Owned .....             | "                                   | 137          | 6   |              | 143     |              |
| Leased .....                          | "                                   | 17           | 1   |              | 18      |              |
| Totals .....                          | "                                   | 154          | 7   |              | 161     |              |
| Revenue hours flown - Unit toll ..... | "                                   | -            | -   |              | -       |              |
| Bulk .....                            | "                                   | 980          | 19  |              | 999     |              |
| Specialty .....                       | "                                   | 425          | 35  |              | 460     |              |
| Totals .....                          | "                                   | 1,405        | 54  |              | 1,459   |              |
| Non-revenue hours flown .....         | "                                   | 112          | 4   |              | 116     |              |
| Fuel and oil consumed:                |                                     |              |   |              |         |              |
| Gasoline .....                        | gal.                                | 20,130       | 1,126   |              | 21,256  |              |
| Cost .....                            | \$                                  | 9,269        | 418   |              | 9,687   |              |
| Oil .....                             | gal.                                | 285          | 23  |              | 308     |              |
| Cost .....                            | \$                                  | 496          | 41  |              | 537     |              |
| Average number of employees:          |                                     |              |   |              |         |              |
| Pilots .....                          | No.                                 | 132          | 5   |              | 137     |              |
| Administrative .....                  | "                                   | 59           | 1   |              | 60      |              |
| Maintenance labour .....              | "                                   | 137          | 5   |              | 142     |              |
| Other personnel .....                 | "                                   | 7            | -   |              | 7       |              |
| Totals .....                          | "                                   | 335          | 11  |              | 346     |              |
| Salaries and wages:                   |                                     |              |   |              |         |              |
| Pilots .....                          | \$                                  | 82,802       | 3,315   |              | 86,117  |              |
| Administrative .....                  | \$                                  | 35,860       | 400   |              | 36,260  |              |
| Maintenance labour .....              | \$                                  | 67,719       | 2,563   |              | 70,282  |              |
| Other personnel .....                 | \$                                  | 1,951        | -   |              | 1,951   |              |
| Totals .....                          | \$                                  | 188,332      | 6,278   |              | 194,610 |              |

TABLE 10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV  
January 1965

|  | Current month | Year to date |
|--|---------------|--------------|
|  | dollars       |              |
| Operating revenues:                      |               |              |
| Unit toll transportation:                |               |              |
| Passengers .....                         | -             |              |
| Express .....                            | -             |              |
| Freight .....                            | -             |              |
| Excess baggage .....                     | -             |              |
| Mail .....                               | -             |              |
| Total unit toll transportation .....     | -             |              |
| Bulk transportation .....                | 136,156       |              |
| Total transportation .....               | 136,156       |              |
| Other flying services .....              | 39,792        |              |
| Total flying services .....              | 175,948       |              |
| Non-flying services .....                | 13,386        |              |
| Total operating revenues .....           | 189,334       |              |
| Operating expenses:                      |               |              |
| Flying operations .....                  | 118,617       |              |
| Maintenance .....                        | 150,676       |              |
| General service and administration ..... | 60,844        |              |
| Depreciation and amortization .....      | 42,127        |              |
| Total operating expenses .....           | 372,264       |              |
| Operating income (deficit) .....         | Dr. 182,930   |              |
| Non-operating income:                    |               |              |
| Capital gains and losses .....           | Dr. 1,856     |              |
| Interest and discounts .....             | 2,099         |              |
| Miscellaneous non-operating income ..... | Dr. 1,667     |              |
| Income before interest expense .....     | Dr. 184,354   |              |
| Interest expense .....                   | 15,792        |              |
| Income before income taxes .....         | Dr. 200,146   |              |
| Provision for income taxes .....         | 260           |              |
| Net income after income taxes .....      | Dr. 200,406   |              |

CIVIL AVIATION DEFINITIONS(1)

- Bulk Transportation:
- (1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4); and
  - (2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).

Classification of Canadian Carriers by Groups

- Group I Carriers: Canadian Air Carriers licensed to perform both domestic and international scheduled services. (Trans-Canada Air Lines and Canadian Pacific Air Lines Ltd.).
- Group II Carriers: Canadian Air Carriers other than Group I carriers licensed to perform domestic scheduled services and Nordair Ltd.(2).
- Group III Carriers: Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$500,000 or over (excepting air carriers included in Group I and II).
- Group IV Carriers: Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$100,000 and over, but less than \$500,000.
- Group V Carriers: Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of less than \$100,000.

Cargo: Air freight and air express (excluding mail and excess baggage).

Carrier, Air: Any person who operates aircraft in or over Canada for hire or reward.

Non-Scheduled Carriers: Carriers not operating any scheduled (Class I) service.

Scheduled Carriers: Air Carriers serving designated points in accordance with a service schedule and at a toll per unit.

- 
- (1) Reference to Classes refers to the classification of air carriers as defined by the Air Transport Board and published in the "Directory of Canadian Commercial Air Services" Queen's Printer, Ottawa.
  - (2) For statistical purposes in this report, Nordair Ltd. is included with Group III carriers.



Freedoms of the Air:

- First Freedom: The privilege to fly over the territory of a foreign country without landing.
- Second Freedom: The privilege to land on the territory of a foreign country for non-traffic purposes.
- Third Freedom: The privilege to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
- Fourth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
- Fifth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the privilege to put down in a foreign country, passengers, mail and cargo coming from any such territory.

Goods: Air Cargo (freight and express) plus mail and excess baggage.

Interline Traffic:

- Domestic Interline: Passengers and goods received by a carrier at Canadian points from other Canadian Air Carriers.
- Foreign Interline: Passengers and goods received by a carrier from Foreign Air Carriers.
- Divisional Interline: Passengers and goods received from other operating divisions of the same carrier.

International Services:

- Trans-Border Services: Services between Canada and the United States.
- Southern Services: Services between Canada and Bermuda, the Caribbean, Mexico, Central or South America.
- Trans-Atlantic and Polar Services: Services between Canada and Europe.
- Pacific and Orient Services: Services between Canada and points in the Pacific Ocean or the Orient.

Load Capacity Available: Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, stewards' supplies, etc.

|                                   |  |
|-----------------------------------|--|
| <u>Load Factor, Passenger:</u>    | Ratio of revenue passenger-miles performed to available seat-miles.  |
| <u>Load Factor, Weight:</u>       | - See Weight, Load-Factor.   |
| <u>Miles:</u>                     | Statute miles of 5,280 ft.   |
| <u>Passenger:</u>                 | A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger. A round trip passenger is counted as two passengers.   |
| Passenger Load-Factor:            | - See Load Factor, Passenger.  |
| Passenger-Mile:                   | The transportation of one passenger one mile.  |
| Non-Revenue Passenger:            | A child or adult carried on a revenue transportation flight for whom no fare is collected, including company personnel.  |
| Revenue Passenger:                | A child or adult for which a fare or part of a fare is paid.   |
| <u>Seat-Miles Available:</u>      | Seats available for the transportation of passengers multiplied by the miles flown on each inter-station flight.   |
| <u>Specialty Flying Services:</u> | Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising.   |
| <u>Tons:</u>                      | Short tons of 2,000 lbs.   |
| <u>Ton-Mile:</u>                  | The transportation of one ton of goods one mile.   |
| <u>Ton-Miles Available:</u>       | Available load capacity multiplied by miles flown on each inter-station flight.  |
| <u>Unit Toll Transportation:</u>  | Public transportation of passengers and goods at a toll per unit. It includes: <ul style="list-style-type: none"><li>(i) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class 1); and</li><li>(ii) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3).</li></ul> |
| <u>Weight Load Factor:</u>        | Ratio of revenue ton-miles performed to available ton-miles.   |





CATALOGUE No.

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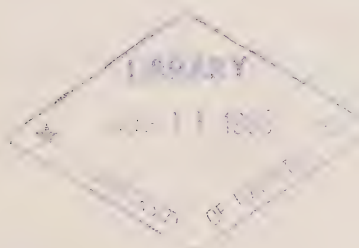
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## CCIVIL AVIATION

(FEBRUARY 1965)



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## SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures are not available.
- ... Figures not appropriate or not applicable.
- Nil or zero.

## INTRODUCTION

"Civil Aviation" reports are prepared from monthly and quarterly schedules filed with the Air Transport Board and the Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly returns filed with the Dominion Bureau of Statistics by foreign air carriers operating in Canada.

For reporting purposes, Canadian air carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. These groups are described on page twenty of this publication along with other definitions. It should be noted that the definition of each of the five groups was revised as of 1st January 1964. In January 1965, 3 former Group IV carriers were promoted to Group III, 1 Group III carrier was transferred to Group IV and 7 Group V carriers were transferred to Group IV. It should also be noted that Nordair Ltd., classified as a Group II carrier by the Air Transport Board, is included with Group III carriers for statistical purposes. Group V is comprised of small air carriers required to file returns on a quarterly basis only. Data on their operations are excluded from the other carrier statistics appearing throughout the report.

Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. A complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

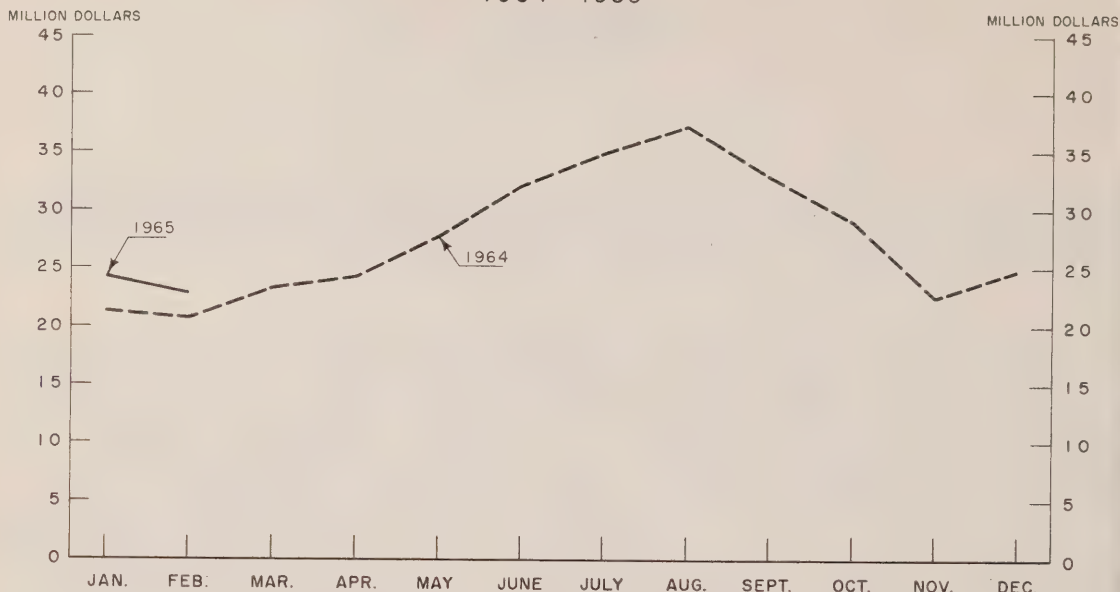
Domestic and international operations of Canadian carriers are combined in all tables except Table 6 which provides a breakdown of domestic and international operations for Canadian carriers operating international unit toll and bulk services.

Commencing with the January, 1964 issue, bulk transport passenger-miles and goods-ton-miles have been added to the statistical data of this report. However, because of survey limitations, this data refers only to aircraft which has a minimum authorized take-off weight on wheels in excess of 18,000 pounds. Operating data covering bulk international flights have also been added to Table 6. It should be noted, however, that the number of carriers reporting international bulk services may vary from month to month.

Table 7 provides data on traffic leaving and entering Canada on an area of service basis. Passengers, cargo and mail in transit through Canada are excluded. The table contains the operations of both Canadian and Foreign carriers with separate totals for each.

# OPERATING REVENUE OF CANADIAN AIR CARRIERS

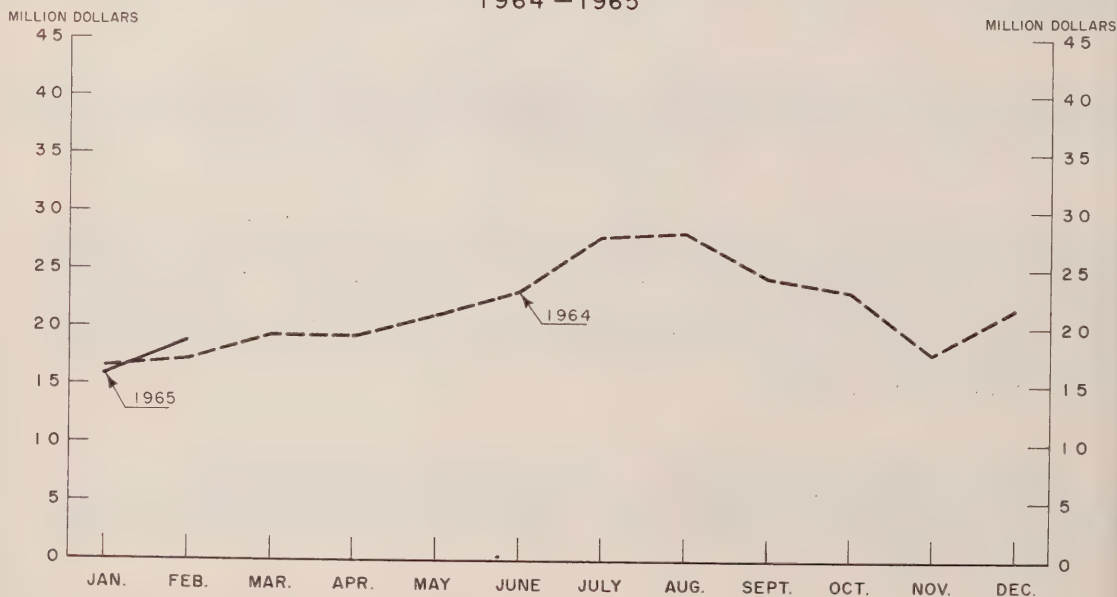
1964 - 1965



\* ALL TIME HIGH FOR A SINGLE MONTH

# REVENUE GOODS CARRIED BY CANADIAN AIR CARRIERS

1964 - 1965



(REVENUE GOODS = FREIGHT + EXPRESS + EXCESS BAGGAGE + MAIL)

## REVIEW OF FEBRUARY OPERATIONS

Increases were reported in the transportation of both revenue passengers and goods by Canadian Air Carriers during the month of February compared with February 1964. Passengers carried totalled 15,756 an increase of 9.2 per cent. Goods transported rose to 9,402 tons, an increase of 9.2 per cent. The revenue miles flown were up 9.8 per cent to 6,918,667. Passenger-miles and goods ton-miles performed by Canadian carriers in unit toll and bulk services totalled 298,107,441 and 8,103,695 respectively. Unit toll services accounted for 98.1 per cent of the total passenger-miles and 93.0 per cent of the total goods ton-miles.

February operating revenues showed a 9.1 per cent increase over February 1964 to \$22,871,934 while operating expenses rose 9.2 per cent to \$24,836,568, thus an operating loss of \$1,964,634 was reported. This compared with an operating loss of \$2,135,416 of the previous year. A net deficit after provision for income taxes of \$2,679,045 was reported as against a deficit of \$2,854,918 in February, 1964.

Revenue hours reported flown by 16 carriers who operated 178 helicopters exclusively amounted to 1,979. Hours reported flown by 19 helicopters operated by 8 fixed wing carriers totalled 263. Operating revenues reported by helicopter carriers amounted to \$241,783 while operating expenses amounted to \$412,470.

In February the six scheduled carriers transported 390,567 revenue passengers, 93.9 per cent of all passengers carried by all Canadian Carriers. They also carried 7,028 tons of revenue goods, 74.7 per cent of the total. Operating revenues amounted to \$21,212,596 or 92.7 per cent of all Canadian air carrier revenues. Operating expenses amounted to \$22,586,410 or 90.9 per cent of the total. Comparable figures for February 1964 are: passengers 93.8 per cent, goods 70.2 per cent, revenues 93.1 per cent and expenses 92.5 per cent.

Revenue passenger-miles performed by Canadian Carriers in international unit toll service in February amounted to 139,853,056 or 47.8 per cent of the total unit toll passenger-miles. The division of international services by area was as follows:

| <u>Area</u>                    | <u>Percentage</u> |
|--------------------------------|-------------------|
| Trans-Border .....             | 18.5              |
| Trans-Atlantic and Polar ..... | 20.0              |
| Southern .....                 | 40.9              |
| Pacific and Orient .....       | <u>20.6</u>       |
| Total                          | <u>100.0</u>      |

### The Cumulative View:

The two months of 1965 compared with the same period in 1964 showed the revenue passengers carried increased by 9.1 per cent to 859,641 while revenue goods rose 9.7 per cent to 17,377 tons. Passenger-miles and goods ton-miles performed by Canadian carriers totalled 632,662,542 and 15,468,044 respectively. Operating revenues increased 12.1 per cent to \$47,033,695 while operating expenses increased 7.5 per cent to \$50,239,061.

### Foreign Carriers:

Foreign carriers licensed to operate in Canada transported 73,194 revenue passengers during February, an increase of 8.4 per cent over February 1964. Revenue goods carried totalled 1,469 tons, an increase of 8.7 per cent. Foreign carriers report hours and miles flown over Canadian territory only. Statistics of passengers and goods in transit have been excluded.



TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services  
February 1965

|                                      | Canadian carriers  |              |                        |           |                         | Foreign carriers(2)    |                           |             | Grand total all carriers | Year to date |
|--------------------------------------|--------------------|--------------|------------------------|-----------|-------------------------|------------------------|---------------------------|-------------|--------------------------|--------------|
|                                      | Scheduled carriers |              | Non-scheduled carriers |           | Total Canadian carriers | United States carriers | Other Foreign carriers(3) |             |                          |              |
|                                      | Group I and II(1)  | Group III(1) | Group IV               | Total     |                         |                        |                           |             |                          |              |
| Number of carriers reporting ...     | 6                  | 19           | 57                     | 76        | 82                      | 10                     | 9                         | 101         | ..                       | ..           |
| Revenue transportation services:     |                    |              |                        |           |                         |                        |                           |             |                          |              |
| Unit toll:                           |                    |              |                        |           |                         |                        |                           |             |                          |              |
| Departures .....                     | 15,573             | 2,087        | 366                    | 2,453     | 18,026                  | ..                     | ..                        | ..          | ..                       | ..           |
| Hours flown .....                    | 19,923             | 1,989        | 276                    | 2,265     | 22,188                  | 303                    | 779                       | 23,270      | 48,022                   | 48,022       |
| Miles scheduled .....                | 5,217,630          | ...          | ...                    | ...       | 5,217,630               | 78,201                 | 317,446                   | 5,613,277   | 11,628,790               | 11,628,790   |
| Miles flown(4):                      |                    |              |                        |           |                         |                        |                           |             |                          |              |
| Scheduled .....                      | 5,147,382          | 272,968      | 42,969                 | 315,937   | 5,147,382               | 75,450                 | 319,444                   | 5,542,276   | 11,657,204               | 11,657,204   |
| Non-scheduled .....                  | 264,015            | 272,968      | 42,969                 | 315,937   | 579,952                 | -                      | -                         | 579,952     | 1,059,411                | 1,059,411    |
| Totals .....                         | 5,411,397          | 272,968      | 42,969                 | 315,937   | 5,727,334               | 75,450                 | 319,444                   | 6,122,228   | 12,716,615               | 12,716,615   |
| Passengers carried .....             | 385,702            | 6,527        | 2,242                  | 8,769     | 394,471                 | 57,248                 | 15,305                    | 467,024     | 967,081                  | 967,081      |
| Goods carried:                       |                    |              |                        |           |                         |                        |                           |             |                          |              |
| Cargo .....                          | 9,014,704          | 438,473      | 100,517                | 538,990   | 9,553,694               | 843,268                | 1,757,844                 | 12,268,872  | 23,081,870               | 23,081,870   |
| Excess baggage .....                 | 102,696(5)         | 2,413        | 8,957                  | 11,370    | 114,066                 |                        |                           |             |                          |              |
| Mail .....                           | 3,640,891          | 174,476      | 18,266                 | 192,742   | 3,833,633               | 157,197                | 180,277                   | 4,171,107   | 8,315,686                | 8,315,686    |
| Totals .....                         | 12,758,291         | 615,362      | 127,740                | 743,102   | 13,501,393              | 1,000,465              | 1,938,121                 | 16,439,979  | 31,397,556               | 31,397,556   |
| Passenger-miles .....                | 291,301,455        | 1,115,588    | 121,313                | 1,236,901 | 292,538,356             | 2,349,709              | 11,038,136                | 305,926,201 | 644,378,114              | 644,378,114  |
| Goods ton-miles:                     |                    |              |                        |           |                         |                        |                           |             |                          |              |
| Cargo .....                          | 5,657,702          | 124,107      | 3,052                  | 127,159   | 5,784,861               | 19,832                 | 674,050                   | 6,700,771   | 12,629,685               | 12,629,685   |
| Excess baggage .....                 | 220,667            | 1,071        | 290                    | 1,361     | 222,028                 |                        |                           |             |                          |              |
| Mail .....                           | 1,488,857          | 35,670       | 1,112                  | 36,782    | 1,525,639               | 3,307                  | 82,799                    | 1,611,745   | 3,296,128                | 3,296,128    |
| Totals .....                         | 7,367,226          | 160,848      | 4,454                  | 165,302   | 7,532,528               | 23,139                 | 756,849                   | 8,312,516   | 15,925,813               | 15,925,813   |
| Bulk:                                |                    |              |                        |           |                         |                        |                           |             |                          |              |
| Departures .....                     | 1,659              | 2,989        | 6,693                  | 9,682     | 11,341                  | ..                     | ..                        | ..          | ..                       | ..           |
| Hours flown .....                    | 2,092              | 3,578        | 5,671                  | 9,249     | 11,341                  | 1                      | 4                         | 11,346      | 20,337                   | 20,337       |
| Miles flown .....                    | 275,203            | 338,591      | 577,539                | 916,130   | 1,191,333               | 475                    | 2,620                     | 1,194,428   | 2,298,659                | 2,298,659    |
| Passengers carried .....             | 4,865              | 6,719        | 9,701                  | 16,420    | 21,285                  | 239                    | 402                       | 21,926      | 45,512                   | 45,512       |
| Freight carried .....                | 1,297,166          | 2,844,125    | 1,161,539              | 4,005,664 | 5,302,830               | -                      | -                         | 5,302,830   | 8,983,299                | 8,983,299    |
| Passenger-miles(6) .....             | 3,934,155          | 1,579,372    | 55,558                 | 1,634,930 | 5,569,085               | ..                     | ..                        | ..          | ..                       | ..           |
| Goods ton-miles(6) .....             | 288,008            | 274,038      | 9,121                  | 283,159   | 571,167                 | ..                     | ..                        | ..          | ..                       | ..           |
| Revenue non-transportation services: |                    |              |                        |           |                         |                        |                           |             |                          |              |
| Specialty flying - Hours flown "     | 85                 | 2,221        | 3,643                  | 5,864     | 5,949                   | -                      | -                         | 5,949       | 9,980                    | 9,980        |

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

February 1965

|                                    | Canadian carriers                        |                        |           |           |                         | Foreign carriers(2)    |                           |               | Grand total all carriers | Year to date |  |
|------------------------------------|--|------------------------|-----------|-----------|-------------------------|------------------------|---------------------------|---------------|--------------------------|--------------|--|
|                                    | Scheduled carriers<br>Groups I and II(1) | Non-scheduled carriers |           |           | Total Canadian carriers | United States carriers | Other Foreign carriers(3) |               |                          |              |  |
|                                    |  | Group III(1)           | Group IV  | Total     |                         |                        |                           |               |                          |              |  |
|                                    |  |                        |           |           |                         |                        |                           |               |                          |              |  |
| Total - All services:              |  |                        |           |           |                         |                        |                           |               |                          |              |  |
| Revenue:                           |  |                        |           |           |                         |                        |                           |               |                          |              |  |
| Traffic, miles and hours:(7)       |  |                        |           |           |                         |                        |                           |               |                          |              |  |
| Departures .....                   | 17,232                                   | 5,076                  | 7,059     | 12,135    | 29,367                  | 304                    | 783                       | 40,565        | 78,339                   |              |  |
| Hours flown .....                  | 22,100                                   | 7,788                  | 9,590     | 17,378    | 39,478                  | 75,925                 | 322,064                   | 7,316,656     | 15,015,274               |              |  |
| Miles flown .....                  | 5,686,600                                | 611,559                | 620,508   | 1,232,067 | 6,918,667               | 415,756                | 15,707                    | 488,950       | 1,012,593                |              |  |
| Passengers carried .....           | 390,567                                  | 13,246                 | 11,943    | 25,189    | 415,756                 | 843,268(8)             | 1,757,844(8)              | 17,457,636(8) | 31,951,103(8)            |              |  |
| Cargo carried .....                | 10,311,870                               | 3,282,598              | 1,262,056 | 4,544,654 | 14,856,524              | 1,000,465              | 1,938,121                 | 21,742,809    | 40,380,855               |              |  |
| Goods carried .....                | 14,055,457                               | 3,459,487              | 1,289,279 | 4,748,766 | 18,804,223              | 298,107,441            | ..                        | ..            | ..                       |              |  |
| Passenger-miles(6) .....           | 295,235,610                              | 2,694,960              | 176,871   | 2,871,831 | 8,103,695               | ..                     | ..                        | ..            | ..                       |              |  |
| Goods ton-miles(6) .....           | 7,635,234                                | 434,886                | 13,575    | 448,461   | ..                      | ..                     | ..                        | ..            | ..                       |              |  |
| Non-revenue:                       |  |                        |           |           |                         |                        |                           |               |                          |              |  |
| Hours flown .....                  | 707                                      | 527                    | 475       | 1,002     | 1,709                   | 1                      | -                         | 1,710         | 3,057                    |              |  |
| Passengers carried .....           | 2,273                                    | 67                     | 23        | 90        | 2,363                   | 651                    | 299                       | 3,313         | 7,084                    |              |  |
| Goods carried .....                | 181,324                                  | 34,641                 | 164       | 34,805    | 216,129                 | 13,467                 | 37,636                    | 267,232       | 545,257                  |              |  |
| Passenger-miles .....              | 11,631,956                               | 79,188                 | 164       | 79,352    | 11,711,308              | 31,647                 | 221,351                   | 11,964,306    | 29,205,562               |              |  |
| Goods ton-miles .....              | 495,407                                  | 22,039                 | -         | 22,039    | 517,446                 | 261                    | 15,994                    | 533,701       | 1,036,753                |              |  |
| Fuel and oil consumed:             |  |                        |           |           |                         |                        |                           |               |                          |              |  |
| Turbo fuel - Quantity .....        | 14,333,404                               | -                      | 5,911     | 5,911     | 14,339,315              | 74,343                 | 2,051,443                 | 16,465,101    | 34,460,694               |              |  |
| Cost .....                         | 1,982,129                                | -                      | 1,790     | 1,790     | 1,983,919               | 12,670                 | 297,121                   | 2,293,710     | 4,854,195                |              |  |
| Gasoline - Quantity .....          | 837,980                                  | 375,233                | 135,562   | 510,795   | 1,348,775               | 17,444                 | 55,896                    | 1,422,415     | 2,664,763                |              |  |
| Cost .....                         | 262,896                                  | 145,362                | 62,604    | 207,966   | 470,862                 | 5,092                  | 7,963                     | 483,917       | 916,476                  |              |  |
| Turbo oil - Quantity .....         | 3,290                                    | -                      | 1         | 1         | 3,291                   | 43                     | 44                        | 3,378         | 6,927                    |              |  |
| Cost .....                         | 32,313                                   | -                      | 15        | 15        | 32,328                  | 245                    | 226                       | 32,799        | 67,967                   |              |  |
| Other oil - Quantity .....         | 12,290                                   | 4,374                  | 2,114     | 6,488     | 18,778                  | 103                    | 22                        | 18,903        | 33,438                   |              |  |
| Cost .....                         | 10,798                                   | 5,913                  | 3,158     | 9,071     | 19,869                  | 55                     | 21                        | 19,945        | 37,839                   |              |  |
| Average number of employees:       |  |                        |           |           |                         |                        |                           |               |                          |              |  |
| Pilots and co-pilots .....         | 1,042                                    | 303                    | 247       | 550       | 1,592                   | ..                     | ..                        | ..            | ..                       |              |  |
| Other flight personnel .....       | 1,034                                    | 21                     | 43        | 64        | 1,098                   | ..                     | ..                        | ..            | ..                       |              |  |
| General management .....           | 312                                      | 101                    | 102       | 203       | 515                     | ..                     | ..                        | ..            | ..                       |              |  |
| Maintenance labour .....           | 3,750                                    | 356                    | 268       | 624       | 4,374                   | ..                     | ..                        | ..            | ..                       |              |  |
| Aircraft & traffic servicing ..... | 5,093                                    | 105                    | 30        | 135       | 5,228                   | ..                     | ..                        | ..            | ..                       |              |  |
| Other personnel .....              | 4,700                                    | 197                    | 205       | 402       | 5,102                   | ..                     | ..                        | ..            | ..                       |              |  |
| Totals .....                       | 15,931                                   | 1,083                  | 895       | 1,978     | 17,909                  | 257                    | 665                       | 18,831        | 36,989                   |              |  |
| Salaries and wages paid:           |  |                        |           |           |                         |                        |                           |               |                          |              |  |
| Pilots and co-pilots .....         | 1,244,592                                | 233,467                | 133,359   | 366,826   | 1,611,418               | ..                     | ..                        | ..            | ..                       |              |  |
| Other flight personnel .....       | 466,470                                  | 12,427                 | 18,221    | 30,648    | 497,118                 | ..                     | ..                        | ..            | ..                       |              |  |
| General management .....           | 285,734                                  | 70,260                 | 65,269    | 135,529   | 421,263                 | ..                     | ..                        | ..            | ..                       |              |  |
| Maintenance labour .....           | 1,848,532                                | 172,174                | 109,592   | 281,766   | 2,130,298               | ..                     | ..                        | ..            | ..                       |              |  |
| Aircraft & traffic servicing ..... | 2,330,273                                | 44,298                 | 9,034     | 53,332    | 2,383,605               | ..                     | ..                        | ..            | ..                       |              |  |
| Other personnel .....              | 2,327,608                                | 75,449                 | 88,807    | 164,256   | 2,491,864               | ..                     | ..                        | ..            | ..                       |              |  |
| Totals .....                       | 8,503,209                                | 608,075                | 424,282   | 1,032,357 | 9,535,566               | 139,633                | 331,042                   | 10,006,241    | 20,161,379               |              |  |

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

(2) See "Foreign Carriers", page 7, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Air Canada.

(6) Excludes chartered aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(7) These data exclude non-transportation services, except for hours flown. Includes excess baggage.

(8) Data in Tables 4, 5, 6, 7, 8 and 9 included in this table.

TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group  
February 1965

|                                       | Scheduled carriers |               |               | Non-scheduled carriers |             |             | Grand total   | Year to date  |
|---------------------------------------|--------------------|---------------|---------------|------------------------|-------------|-------------|---------------|---------------|
|                                       | Group I            | Group II(I)   | Total         | Group III(I)           | Group IV    | Total       |               |               |
|                                       | dollars            |               |               |                        |             |             |               |               |
| Operating revenues:                   |                    |               |               |                        |             |             |               |               |
| Unit toll transportation:             |                    |               |               |                        |             |             |               |               |
| Passengers .....                      | 16,487,652         | 738,503       | 17,226,155    | 152,635                | 19,736      | 172,371     | 17,398,526    | 36,327,416    |
| Express .....                         | 334,020            | 18,594        | 352,614       | 8,244                  | -           | 8,244       | 360,858       | 8,244         |
| Freight .....                         | 1,287,694          | 171,976       | 1,459,670     | 60,732                 | 4,047       | 64,779      | 1,524,449     | 2,875,468     |
| Excess baggage .....                  | 106,476            | 11,156        | 117,632       | 3,040                  | 144         | 3,184       | 120,816       | 237,792       |
| Mail .....                            | 1,218,589          | 136,023       | 1,354,612     | 72,093                 | 3,506       | 75,599      | 1,430,211     | 2,887,257     |
| Total unit toll transportation ..     | 19,434,431         | 1,076,252     | 20,510,683    | 296,744                | 27,433      | 324,177     | 20,834,860    | 43,071,304    |
| Bulk transportation .....             | 67,912             | 345,287       | 413,199       | 489,344                | 440,434     | 929,778     | 1,342,977     | 2,679,218     |
| Total transportation .....            | 19,502,343         | 1,421,539     | 20,923,882    | 786,088                | 467,867     | 1,253,955   | 22,177,837    | 45,750,522    |
| Other flying services .....           | 1,154              | 10,565        | 11,719        | 195,410                | 90,176      | 285,586     | 287,305       | 485,825       |
| Total flying services .....           | 19,503,497         | 1,432,104     | 20,935,601    | 981,498                | 558,043     | 1,539,541   | 22,475,142    | 46,236,347    |
| Non-flying services .....             | 270,664            | 6,331         | 276,995       | 54,738                 | 65,059      | 119,797     | 396,792       | 797,348       |
| Total operating revenues .....        | 19,774,161         | 1,438,435     | 21,212,596    | 1,036,236              | 623,102     | 1,659,338   | 22,871,934    | 47,033,695    |
| Operating expenses:                   |                    |               |               |                        |             |             |               |               |
| Flying operations .....               | 4,908,794          | 513,022       | 5,421,816     | 557,395                | 300,413     | 857,808     | 6,279,624     | 12,777,014    |
| Maintenance .....                     | 4,283,194          | 528,282       | 4,811,476     | 436,743                | 241,576     | 678,319     | 5,489,795     | 11,102,401    |
| General services and administration:  |                    |               |               |                        |             |             |               |               |
| Passenger service .....               | 1,652,517          | 64,672        | 1,717,189     | ..                     | ..          | ..          | ..            | ..            |
| Aircraft and traffic servicing .....  | 3,136,989          | 285,761       | 3,422,750     | ..                     | ..          | ..          | ..            | ..            |
| Promotion and sales .....             | 3,453,178          | 119,231       | 3,572,409     | ..                     | ..          | ..          | ..            | ..            |
| General administration .....          | 963,749            | 107,547       | 1,071,296     | ..                     | ..          | ..          | ..            | ..            |
| Totals .....                          | 9,206,433          | 577,211       | 9,783,644     | 303,929                | 190,171     | 494,100     | 10,277,744    | 20,810,305    |
| Depreciation and amortization .....   | 2,452,255          | 117,219       | 2,569,474     | 126,315                | 93,616      | 219,931     | 2,789,405     | 5,549,341     |
| Total operating expenses .....        | 20,850,676         | 1,735,734     | 22,586,410    | 1,424,382              | 825,776     | 2,250,158   | 24,836,568    | 50,239,061    |
| Operating income (loss) .....         | Dr. 1,076,515      | Dr. 297,299   | Dr. 1,373,814 | Dr. 388,146            | Dr. 202,674 | Dr. 590,820 | Dr. 1,964,634 | Dr. 3,205,366 |
| Non-operating income - Net:           |                    |               |               |                        |             |             |               |               |
| Capital gains and losses .....        | -                  | 60,893        | 60,893        | 9,546                  | -           | 9,546       | 70,439        | 84,945        |
| Interest and discounts .....          | 183,989            | 526           | 184,515       | 5,625                  | 731         | 6,356       | 190,871       | 383,104       |
| Miscellaneous non-operating income .. | 4,458              | 1,169         | 3,289         | Dr. 1,903              | 8,164       | 6,261       | 9,550         | 15,155        |
| Income before interest expense .....  | Dr. 888,068        | Dr. 237,049   | Dr. 1,125,117 | Dr. 374,878            | Dr. 193,779 | Dr. 568,657 | Dr. 1,693,774 | Dr. 2,722,162 |
| Interest expense .....                | 865,103            | 59,330        | 924,433       | 38,143                 | 30,410      | 68,553      | 992,986       | 2,042,918     |
| Income before income taxes .....      | 1,753,171          | Dr. 3,802,721 | Dr. 2,049,550 | Dr. 413,021            | Dr. 224,189 | Dr. 637,210 | Dr. 2,686,760 | Dr. 4,765,080 |
| Provision for income taxes .....      | -                  | -             | -             | Cr. 13,435             | 5,720       | Cr. 7,715   | Cr. 7,715     | Cr. 3,586     |
| Net income after income taxes .....   | 1,753,171          | Dr. 3,802,721 | Dr. 2,049,550 | Dr. 399,586            | Dr. 229,909 | Dr. 629,495 | Dr. 2,679,045 | Dr. 4,761,494 |

(1) Group II non-scheduled carriers included with Group III for purposes of this report.  
(2) Data in Tables 3, 8 and 10 included in this table.

TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

February 1965

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|                                       | Canadian<br>Pacific<br>Air Lines | Eastern<br>Provincial<br>Airways<br>(1963) | Pacific<br>Western<br>Airlines | Quebecair<br>Inc. | Transair<br>Ltd. | Air<br>Canada | Total      | Year<br>to<br>date |
|---------------------------------------|----------------------------------|--|--------------------------------|-------------------|------------------|---------------|------------|--------------------|
| dollars                               |                                  |  |                                |                   |                  |               |            |                    |
| Operating revenues:                   |                                  |  |                                |                   |                  |               |            |                    |
| Unit toll transportation:             |                                  |  |                                |                   |                  |               |            |                    |
| Passengers .....                      | 4,099,151                        | 110,929                                    | 304,446                        | 197,966           | 125,162          | 12,388,501    | 17,226,155 | 36,035,709         |
| Express .....                         | 19,903                           | 3,414                                      | 12,645                         | -                 | 2,535            | 314,117       | 352,614    | 726,021            |
| Freight .....                         | 293,851                          | 51,105                                     | 73,656                         | 29,269            | 17,946           | 993,843       | 1,459,670  | 2,784,970          |
| Excess baggage .....                  | 24,422                           | 1,213                                      | 6,176                          | 2,652             | 1,115            | 82,054        | 117,632    | 234,172            |
| Mail .....                            | 250,679                          | 55,048                                     | 47,162                         | 6,820             | 26,993           | 967,910       | 1,354,612  | 2,767,423          |
| Total unit toll transportation ..     | 4,688,006                        | 221,709                                    | 444,085                        | 236,707           | 173,751          | 14,746,425    | 20,510,683 | 42,548,295         |
| Bulk transportation .....             | 13,611                           | 85,373                                     | 117,528                        | 1,480             | 140,906          | 54,301        | 413,199    | 1,011,855          |
| Total transportation .....            | 4,701,617                        | 307,082                                    | 561,613                        | 238,187           | 314,657          | 14,800,726    | 20,923,882 | 43,560,150         |
| Other flying services .....           | -                                | 10,565                                     | -                              | -                 | -                | 1,154         | 11,719     | 22,855             |
| Total flying services .....           | 4,701,617                        | 317,647                                    | 561,613                        | 238,187           | 314,657          | 14,801,880    | 20,935,601 | 43,583,005         |
| Non-flying services .....             | 87,670                           | 254  | 1,015                          | 189               | 4,873            | 182,994       | 276,995    | 601,346            |
| Total operating revenues .....        | 4,789,287                        | 317,901                                    | 562,628                        | 238,376           | 319,530          | 14,984,874    | 21,212,596 | 44,184,351         |
| Operating expenses:                   |                                  |  |                                |                   |                  |               |            |                    |
| Flying operations .....               | 1,508,488                        | 115,995                                    | 207,033                        | 72,398            | 117,596          | 3,400,306     | 5,421,816  | 11,308,096         |
| Maintenance .....                     | 737,837                          | 182,699                                    | 137,233                        | 85,323            | 123,027          | 3,545,357     | 4,811,476  | 9,921,198          |
| General services and administrations: |                                  |  |                                |                   |                  |               |            |                    |
| Passenger service .....               | 413,877                          | 20,217                                     | 21,733                         | 8,840             | 13,882           | 1,238,640     | 1,717,189  | 3,563,212          |
| Aircraft and traffic servicing .....  | 550,870                          | 106,012                                    | 131,463                        | 31,650            | 16,636           | 2,586,119     | 3,422,750  | 7,057,337          |
| Promotion and sales .....             | 946,312                          | 13,074                                     | 21,127                         | 50,691            | 34,339           | 2,506,866     | 3,572,409  | 7,175,563          |
| General administration .....          | 199,403                          | 24,861                                     | 41,207                         | 24,329            | 17,150           | 764,346       | 1,071,296  | 2,146,185          |
| Totals .....                          | 2,110,462                        | 164,164                                    | 215,530                        | 115,510           | 82,007           | 7,095,971     | 9,783,644  | 19,942,297         |
| Depreciation and amortization .....   | 173,216                          | 52,071                                     | 27,918                         | 23,284            | 13,946           | 2,279,039     | 2,569,474  | 5,147,347          |
| Total operating expenses .....        | 4,550,003                        | 514,929                                    | 587,714                        | 296,515           | 336,576          | 16,320,673    | 22,586,410 | 46,318,938         |
| Operating income (loss) .....         | 259,284                          | 197,028                                    | 25,086                         | 58,139            | 17,046           | 1,335,799     | 1,373,814  | 2,134,587          |
| Non-operating income - Net:           |                                  |  |                                |                   |                  |               |            |                    |
| Capital gains and losses .....        | -                                | -  | 37,593                         | -                 | 23,300           | -             | 60,893     | 60,893             |
| Interest and discounts .....          | 41,049                           | 21   | -                              | -                 | 505              | 142,940       | 184,515    | 375,996            |
| Miscellaneous non-operating income .. | Dr.                              | 10   | 45                             | 1,283             | 59               | 5,611         | 3,289      | 5,610              |
| Income before interest expense .....  | 299,180                          | 196,997                                    | 12,552                         | 59,422            | 6,818            | 1,187,248     | 1,125,117  | 1,692,088          |
| Interest expense .....                | -                                | 30,073                                     | 9,985                          | 14,669            | 4,603            | 865,103       | 924,433    | 1,936,593          |
| Income before income taxes .....      | 299,180                          | 227,070                                    | 2,567                          | 74,091            | 2,215            | 2,052,351     | 2,049,550  | 3,628,681          |
| Provision for income taxes .....      | -                                | -  | -                              | -                 | -                | -             | -          | -                  |
| Net income after income taxes .....   | 299,180                          | 227,070                                    | 2,567                          | 74,091            | 2,215            | 2,052,351     | 2,049,550  | 3,628,681          |



TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company  
February 1965

|   | Group I carriers           |             |             | Group II carriers                 |                             |                   |                  | Grand total |
|---|----------------------------|-------------|-------------|-----------------------------------|-----------------------------|-------------------|------------------|-------------|
|   | Canadian Pacific Air Lines | Air Canada  | Total       | Eastern Provincial Airways (1963) | Pacific Western Airlines(1) | Quebecair Inc.(1) | Transair Ltd.(1) |             |
| Revenue transportation services:                      |                            |             |             |                                   |                             |                   |                  |             |
| Unit toll:  |                            |             |             |                                   |                             |                   |                  |             |
| Departures .....                                      | 1,662                      | 9,793       | 11,455      | 1,034                             | 1,226                       | 898               | 960              | 4,118       |
| Hours flown .....                                     | 3,197                      | 12,791      | 15,988      | 939                               | 1,282                       | 724               | 990              | 3,935       |
| Miles scheduled .....                                 | 1,091,004                  | 3,742,704   | 4,833,708   | 56,972                            | 172,826                     | 85,420            | 68,704           | 383,922     |
| Miles flown:  |                            |             |             |                                   |                             |                   |                  |             |
| Scheduled - Regular .....                             | 1,085,516                  | 3,567,730   | 4,653,246   | 53,827                            | 165,010                     | 78,551            | 68,664           | 366,052     |
| Extra section .....                                   | 8,384                      | 106,459     | 114,843     | 416                               | 3,928                       | 924               | 7,973            | 13,241      |
| Non-scheduled .....                                   | 43,176                     | -           | 43,176      | 85,743                            | 24,183                      | 46,442            | 64,471           | 220,839     |
| Totals .....  | 1,137,076                  | 3,674,189   | 4,811,265   | 139,986                           | 193,121                     | 125,917           | 141,108          | 600,132     |
| Ratio of regular miles flown to miles scheduled ..... | 99.5                       | 95.3        | 96.3        | 94.5                              | 95.5                        | 92.0              | 99.9             | 95.3        |
| Passengers carried .....                              | 44,945                     | 309,069     | 354,014     | 5,639                             | 14,041                      | 7,572             | 4,436            | 31,688      |
| Goods carried:  |                            |             |             |                                   |                             |                   |                  |             |
| Freight .....   | 787,875                    | 5,871,497   | 6,659,372   | 457,174                           | 583,109                     | 149,563           | 109,559          | 1,299,405   |
| Express .....   | 92,428                     | 896,630     | 989,058     | 21,055                            | 35,476                      | -                 | 10,338           | 66,869      |
| Excess baggage .....                                  | 50,469(2)                  | 50,469(2)   | 50,469(2)   | 7,958                             | 22,875                      | 16,891            | 4,503            | 52,927      |
| Mail .....  | 221,961                    | 2,936,042   | 3,158,003   | 207,991                           | 147,055                     | 33,895            | 93,947           | 482,888     |
| Totals .....  | 1,152,733                  | 9,704,169   | 10,856,902  | 694,178                           | 786,515                     | 200,349           | 218,347          | 1,901,389   |
| Passenger-miles:                                      |                            |             |             |                                   |                             |                   |                  |             |
| Scheduled .....                                       | 75,339,795                 | 206,537,181 | 281,876,976 | 342,922                           | 3,364,378                   | 1,382,132         | 1,149,458        | 6,238,890   |
| Non-scheduled .....                                   | 1,205,444                  | -           | 1,205,444   | 818,816                           | 86,785                      | 830,329           | 244,215          | 1,980,145   |
| Totals .....  | 76,545,239                 | 206,537,181 | 283,082,420 | 1,161,738                         | 3,451,163                   | 2,212,461         | 1,393,673        | 8,219,035   |
| Available seat-miles on scheduled services .....      | 136,002,755                | 344,719,880 | 480,722,635 | 1,097,209                         | 7,543,716                   | 2,729,396         | 2,816,691        | 14,187,012  |
| Passenger load factor on scheduled services .....     | 55.4                       | 59.9        | 58.6        | 31.3                              | 44.6                        | 50.6              | 40.8             | 44.0        |
| Goods ton-miles:                                      |                            |             |             |                                   |                             |                   |                  |             |
| Freight - Scheduled .....                             | 456,530                    | 4,004,352   | 4,960,882   | 110,903                           | 149,436                     | 15,794            | 6,566            | 282,699     |
| Non-scheduled .....                                   | 1,990                      | -           | 1,990       | 5,054                             | 2,931                       | 10,626            | 14,003           | 32,614      |
| Totals .....  | 958,520                    | 4,004,352   | 4,962,872   | 115,957                           | 152,367                     | 26,420            | 20,569           | 315,313     |
| Express - Scheduled .....                             | 22,835                     | 341,431     | 364,266     | 1,387                             | 9,848                       | -                 | 1,690            | 12,925      |
| Non-scheduled .....                                   | 861                        | -           | 861         | -                                 | -                           | -                 | 542              | 2,326       |
| Totals .....  | 23,696                     | 341,431     | 365,127     | 2,310                             | 9,848                       | -                 | 2,232            | 14,390      |

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Continued

February 1965

|   | Group I carriers           |             |             | Group II carriers                 |                              |                    |                   |            | Grand total |
|---|----------------------------|-------------|-------------|-----------------------------------|------------------------------|--------------------|-------------------|------------|-------------|
|   | Canadian Pacific Air Lines | Air Canada  | Total       | Eastern Provincial Airways (1963) | Pacific Western Airlines (1) | Quebecair Inc. (1) | Transair Ltd. (1) | Total (1)  |             |
| Revenue transportation services - Concluded:                              |                            |             |             |                                   |                              |                    |                   |            |             |
| Unit toll - Concluded:  |                            |             |             |                                   |                              |                    |                   |            |             |
| Goods ton-miles - Concluded:  |                            |             |             |                                   |                              |                    |                   |            |             |
| Excess baggage - Scheduled .....  | No. 50,791                 | 161,492     | 212,283     | 458                               | 2,788                        | 1,500              | 1,025             | 5,771      | 218,054     |
| Non-scheduled ..  | 158                        | -           | 158         | 752                               | 256                          | 1,189              | 258               | 2,455      | 2,613       |
| Totals .....  | 50,949                     | 161,492     | 212,441     | 1,210                             | 3,044                        | 2,689              | 1,283             | 8,226      | 220,667     |
| Mail - Scheduled .....  | 210,503                    | 1,191,648   | 1,402,151   | 11,199                            | 38,328                       | 3,064              | 5,222             | 57,813     | 1,459,964   |
| Non-scheduled ..  | 3,755                      | -           | 3,755       | 15,040                            | 573                          | 1,939              | 7,586             | 25,138     | 28,893      |
| Totals .....  | 214,258                    | 1,191,648   | 1,405,906   | 26,239                            | 38,901                       | 5,003              | 12,808            | 82,951     | 1,488,857   |
| Total - Scheduled .....   | 1,240,659                  | 5,698,923   | 6,939,582   | 123,947                           | 200,400                      | 20,358             | 14,503            | 359,208    | 7,298,790   |
| Non-scheduled ..  | 6,764                      | -           | 6,764       | 21,769                            | 3,760                        | 13,754             | 22,389            | 61,672     | 68,436      |
| Totals .....  | 1,247,423                  | 5,698,923   | 6,946,346   | 145,716                           | 204,160                      | 34,112             | 36,892            | 420,880    | 7,367,226   |
| Available ton-miles on scheduled services .....                           | 17,696,574                 | 54,175,682  | 71,872,256  | 366,973                           | 1,059,099                    | 271,056            | 299,410           | 1,996,538  | 73,868,794  |
| Weight load factor on scheduled services (3) .....                        | 49.6                       | 48.6        | 48.9        | 49.1                              | 51.0                         | 63.6               | 50.7              | 52.3       | 49.0        |
| Bulk:   |                            |             |             |                                   |                              |                    |                   |            |             |
| Departures .....  | 8                          | 38          | 46          | 427                               | 945                          | 7                  | 234               | 1,613      | 1,659       |
| Hours flown .....   | 19                         | 86          | 105         | 574                               | 914                          | 7                  | 492               | 1,987      | 2,092       |
| Miles flown .....   | 5,021                      | 27,597      | 32,618      | 49,960                            | 109,984                      | 900                | 81,741            | 242,585    | 275,203     |
| Passengers carried .....  | 305                        | 848         | 1,153       | 1,214                             | 1,876                        | 51                 | 771               | 3,712      | 4,865       |
| Freight carried .....   | -                          | -           | -           | 134,082                           | 800,684                      | -                  | 362,400           | 1,297,166  | 1,297,166   |
| Passenger-miles (4) .....   | 342,768                    | 1,285,870   | 1,628,638   | 267,367                           | 1,258,775                    | 22,752             | 756,623           | 2,305,517  | 3,934,155   |
| Goods ton-miles (4) .....   | -                          | -           | -           | 7,817                             | 13,450                       | 2,407              | 264,334           | 288,008    | 288,008     |
| Revenue non-transportation services: Specialty flying - Hours flown ..... | -                          | 4           | 4           | 81                                | -                            | -                  | -                 | 81         | 85          |
| Total - All services:   |                            |             |             |                                   |                              |                    |                   |            |             |
| Traffic, hours and miles: (5)   |                            |             |             |                                   |                              |                    |                   |            |             |
| Revenue:  |                            |             |             |                                   |                              |                    |                   |            |             |
| Departures .....  | 1,670                      | 9,831       | 11,501      | 1,461                             | 2,171                        | 905                | 1,194             | 5,731      | 17,232      |
| Hours flown .....   | 3,216                      | 12,881      | 16,097      | 1,594                             | 2,196                        | 731                | 1,482             | 6,003      | 22,100      |
| Miles flown .....   | 1,142,097                  | 3,701,786   | 4,843,883   | 189,946                           | 303,105                      | 126,817            | 222,849           | 842,717    | 5,686,860   |
| Passengers carried .....  | 45,250                     | 309,917     | 355,167     | 6,853                             | 15,717                       | 7,623              | 5,207             | 35,400     | 390,567     |
| Cargo carried .....   | 880,303                    | 6,768,127   | 7,648,430   | 612,311                           | 1,419,269                    | 149,563            | 482,297           | 2,663,440  | 10,311,870  |
| Goods carried .....   | 1,152,733                  | 9,704,169   | 10,856,902  | 828,260                           | 1,589,199                    | 200,349            | 580,747           | 3,198,555  | 14,055,457  |
| Passenger-miles (4) .....   | 76,888,007                 | 207,823,051 | 284,711,058 | 1,429,105                         | 4,709,938                    | 2,235,213          | 2,150,296         | 10,524,552 | 295,235,610 |
| Goods ton-miles (4) .....   | 1,247,423                  | 5,698,923   | 6,946,346   | 153,533                           | 217,610                      | 36,519             | 301,226           | 708,888    | 7,655,234   |

See footnotes at end of table.



TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

February 1965

|  | Group I carriers           |              |              | Group II carriers                 |                             |                    |                   |            | Grand total  |
|--|----------------------------|--------------|--------------|-----------------------------------|-----------------------------|--------------------|-------------------|------------|--------------|
|  | Canadian Pacific Air Lines | Air Canada   | Total        | Eastern Provincial Airways (1963) | Pacific Western Airlines(1) | Quebecair Inc. (1) | Transair Ltd. (1) | Total(1)   |              |
| Total - All services - Concluded:        |                            |              |              |                                   |                             |                    |                   |            |              |
| Traffic, hours and miles - Concluded:(5) |                            |              |              |                                   |                             |                    |                   |            |              |
| Non-revenue:                             |                            |              |              |                                   |                             |                    |                   |            |              |
| Hours flown .....                        | 82                         | 418          | 500          | 49                                | 83                          | 13                 | 62                | 207        | 707          |
| Passengers carried .....                 | 1,310                      | -            | 1,310        | 351                               | 333                         | 167                | 963               | 963        | 2,273        |
| Goods carried .....                      | 126,875                    | -            | 126,875      | 4,005                             | 35,643                      | -                  | 14,801            | 54,449     | 181,324      |
| Passenger-miles .....                    | 3,265,133                  | 8,047,936    | 11,313,069   | 108,360                           | 96,545                      | 50,005             | 63,977            | 318,887    | 11,631,956   |
| Goods ton-miles .....                    | 120,738                    | 362,095      | 482,833      | 522                               | 8,570                       | -                  | 3,482             | 12,574     | 495,407      |
| Fuel and oil consumed:                   |                            |              |              |                                   |                             |                    |                   |            |              |
| Turbo fuel - Quantity .....              | 3,275,980                  | 10,776,743   | 14,052,723   | 107,986                           | -                           | 120,161            | 52,534            | 280,681    | 14,333,404   |
| Cost .....                               | \$ 525,642                 | \$ 1,396,221 | \$ 1,921,863 | \$ 22,677                         | -                           | \$ 25,234          | \$ 12,555         | \$ 60,266  | \$ 1,982,129 |
| Gasoline - Quantity .....                | 397,072                    | -            | 397,072      | 64,173                            | 232,269                     | 15,612             | 128,854           | 440,908    | 837,980      |
| Cost .....                               | \$ 105,436                 | -            | \$ 105,436   | \$ 21,084                         | \$ 84,118                   | \$ 5,152           | \$ 47,106         | \$ 157,460 | \$ 262,896   |
| Turbo oil - Quantity .....               | 445                        | 2,571        | 3,016        | 54                                | -                           | 214                | 6                 | 274        | 3,290        |
| Cost .....                               | \$ 3,760                   | \$ 26,933    | \$ 30,693    | \$ 810                            | -                           | \$ 750             | \$ 60             | \$ 1,620   | \$ 32,313    |
| Other oil - Quantity .....               | 6,659                      | -            | 6,659        | 987                               | 2,730                       | 553                | 1,361             | 5,631      | 12,290       |
| Cost .....                               | \$ 4,312                   | -            | \$ 4,312     | \$ 1,233                          | \$ 3,413                    | \$ 443             | \$ 1,397          | \$ 6,486   | \$ 10,798    |
| Average number of employees:             |                            |              |              |                                   |                             |                    |                   |            |              |
| Pilots and co-pilots .....               | 225                        | 627          | 852          | 50                                | 73                          | 27                 | 40                | 190        | 1,042        |
| Other flight personnel .....             | 266                        | 692          | 958          | 10                                | 33                          | 13                 | 20                | 76         | 1,034        |
| General management .....                 | 110                        | 67           | 177          | 8                                 | 56                          | 50                 | 21                | 135        | 312          |
| Maintenance labour .....                 | 529                        | 2,671        | 3,200        | 193                               | 188                         | 69                 | 100               | 550        | 3,750        |
| Aircraft and traffic servicing .....     | 887                        | 3,839        | 4,726        | 105                               | 104                         | 104                | 54                | 367        | 5,093        |
| Other personnel .....                    | 688                        | 3,882        | 4,570        | 44                                | 24                          | 8                  | 54                | 130        | 4,700        |
| Total employees .....                    | 2,705                      | 11,778       | 14,483       | 410                               | 478                         | 271                | 289               | 1,448      | 15,931       |
| Salaries and wages:                      |                            |              |              |                                   |                             |                    |                   |            |              |
| Pilots and co-pilots .....               | \$ 274,040                 | \$ 812,760   | \$ 1,086,800 | \$ 38,831                         | \$ 61,215                   | \$ 22,944          | \$ 34,802         | \$ 157,792 | \$ 1,244,592 |
| Other flight personnel .....             | \$ 139,338                 | \$ 303,199   | \$ 442,537   | \$ 4,217                          | \$ 9,596                    | \$ 4,118           | \$ 6,002          | \$ 23,933  | \$ 466,470   |
| General management .....                 | \$ 97,791                  | \$ 122,376   | \$ 220,167   | \$ 8,166                          | \$ 25,006                   | \$ 19,811          | \$ 12,584         | \$ 65,567  | \$ 285,734   |
| Maintenance labour .....                 | \$ 258,704                 | \$ 1,338,375 | \$ 1,597,079 | \$ 85,714                         | \$ 94,843                   | \$ 33,863          | \$ 37,033         | \$ 251,453 | \$ 1,848,532 |
| Aircraft and traffic servicing .....     | \$ 382,791                 | \$ 1,781,434 | \$ 2,164,225 | \$ 35,281                         | \$ 66,516                   | \$ 43,145          | \$ 21,106         | \$ 166,048 | \$ 2,330,273 |
| Other personnel .....                    | \$ 279,194                 | \$ 2,014,948 | \$ 2,294,142 | \$ 14,993                         | \$ 4,641                    | \$ 4,389           | \$ 9,443          | \$ 33,466  | \$ 2,327,608 |
| Total salaries and wages .....           | \$ 1,431,858               | \$ 6,373,092 | \$ 7,804,950 | \$ 187,202                        | \$ 261,817                  | \$ 128,270         | \$ 120,970        | \$ 698,259 | \$ 8,503,209 |

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Excludes Air Canada.

(3) Standard passenger weight used: 200 pounds.

(4) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(5) These data exclude non-transportation services, except for hours flown.

TABLE 5. Revenue Interline Traffic(1), Canadian Scheduled Carriers - All Services, by Company

February 1965

|                                | Canadian<br>Pacific<br>Air Lines | Eastern<br>Provincial<br>Airways<br>(1963) | Pacific<br>Western<br>Airlines | Quebecair<br>Inc. | Trausair<br>Ltd. | Air<br>Canada | Total     |
|--------------------------------|----------------------------------|--|--------------------------------|-------------------|------------------|---------------|-----------|
| <b>Passengers carried:</b>     |                                  |  |                                |                   |                  |               |           |
| Originated .....               | 38,271                           | 4,392                                      | 13,369                         | 7,572             | 3,738            | 264,472       | 331,814   |
| Domestic interline .....       | 2,849                            | 1,143                                      | -                              | -                 | -                | 44,597        | 52,211    |
| Foreign interline .....        | 3,622                            | -  | -                              | -                 | -                | -             | -         |
| Totals(2) .....                | 44,742                           | 5,535                                      | 13,369                         | 7,572             | 3,738            | 309,069       | 384,025   |
| <b>Express carried:</b>        |                                  |  |                                |                   |                  |               |           |
| Originated .....               | 92,428                           | 21,055                                     | 35,476                         | -                 | 10,338           | 896,630       | 1,055,927 |
| Domestic interline .....       | -                                | -  | -                              | -                 | -                | -             | -         |
| Foreign interline .....        | -                                | -  | -                              | -                 | -                | -             | -         |
| Totals(2) .....                | 92,428                           | 21,055                                     | 35,476                         | -                 | 10,338           | 896,630       | 1,055,927 |
| <b>Freight carried:</b>        |                                  |  |                                |                   |                  |               |           |
| Originated .....               | 665,665                          | 457,174                                    | 538,822                        | 149,563           | 48,300           | 5,871,497     | 7,731,021 |
| Domestic interline .....       | 18,394                           | -  | -                              | -                 | -                | -             | 18,394    |
| Foreign interline .....        | 31,353                           | -  | -                              | -                 | -                | -             | 31,353    |
| Totals(2) .....                | 715,412                          | 457,174                                    | 538,822                        | 149,563           | 48,300           | 5,871,497     | 7,780,768 |
| <b>Excess baggage carried:</b> |                                  |  |                                |                   |                  |               |           |
| Originated .....               | 50,469                           | 7,958                                      | 20,200                         | 16,891            | 4,460            | -             | 99,978(3) |
| Domestic interline .....       | -                                | -  | -                              | -                 | -                | -             | -         |
| Foreign interline .....        | -                                | -  | -                              | -                 | -                | -             | -         |
| Totals(2) .....                | 50,469                           | 7,958                                      | 20,200                         | 16,891            | 4,460            | -             | 99,978(3) |
| <b>Mail carried:</b>           |                                  |  |                                |                   |                  |               |           |
| Originated .....               | 221,961                          | 130,212                                    | 138,104                        | 33,395            | 27,843           | 2,936,042     | 3,487,557 |
| Domestic interline .....       | -                                | -  | -                              | -                 | -                | -             | -         |
| Foreign interline .....        | -                                | -  | -                              | -                 | -                | -             | -         |
| Totals(2) .....                | 221,961                          | 130,212                                    | 138,104                        | 33,395            | 27,843           | 2,936,042     | 3,487,557 |

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Board.

(2) Excludes division interline.

(3) Excludes Air Canada.

TABLE 6. Operating Statistics, Canadian International Carriers - All Revenue Services, by area of Service  
February 1965

|  | Trans-Border Services | Trans-Atlantic and Polar Services | Southern Services | Pacific and Orient Services | Total International Services | Domestic Services | Grand total |
|--|-----------------------|-----------------------------------|-------------------|-----------------------------|------------------------------|-------------------|-------------|
| <b>Unit toll:</b>  |                       |                                   |                   |                             |                              |                   |             |
| Departures .....   | 1,483                 | 314                               | 537               | 126                         | 2,460                        | 8,995             | 11,455      |
| Hours flown .....  | 2,074                 | 1,098                             | 1,483             | 787                         | 5,442                        | 10,546            | 15,988      |
| Miles scheduled .....  | 508,496               | 512,728                           | 634,163           | 356,448                     | 2,011,835                    | 2,821,873         | 4,833,708   |
| <b>Miles flown:</b>  |                       |                                   |                   |                             |                              |                   |             |
| Scheduled - Regular .....                                    | 467,446               | 511,069                           | 621,087           | 356,448                     | 1,956,050                    | 2,697,196         | 4,653,246   |
| Extra sections .....   | 12,154                | -                                 | 26,149            | 5,534                       | 43,837                       | 71,006            | 114,843     |
| Non-scheduled .....  | -                     | -                                 | -                 | -                           | -                            | 43,176            | 43,176      |
| Totals .....   | 479,600               | 511,069                           | 647,236           | 361,982                     | 1,999,887                    | 2,811,378         | 4,811,265   |
| <b>Ratio of regular miles flown to miles scheduled .....</b> | 91.9                  | 99.7                              | 97.9              | 100.0                       | 97.2                         | 94.2              | 95.4        |
| <b>Passengers carried .....</b>                              | ...                   | ...                               | ...               | ...                         | 125,142                      | 228,872           | 354,014     |
| Cargo carried .....  | ...                   | ...                               | ...               | ...                         | 3,534,630                    | 4,113,800         | 7,648,430   |
| Mail carried .....   | ...                   | ...                               | ...               | ...                         | 382,230                      | 2,775,773         | 3,158,003   |
| <b>Passenger-miles .....</b>                                 | 25,972,934            | 27,930,590                        | 57,180,362        | 28,769,170                  | 139,853,056                  | 143,229,364       | 283,082,420 |
| <b>Available seat-miles on scheduled services "</b>          | 39,984,727            | 63,966,795                        | 85,578,244        | 45,357,825                  | 234,887,591                  | 245,835,044       | 480,722,635 |
| <b>Passenger load factor on scheduled services</b>           | 65.0                  | 43.7                              | 66.8              | 63.4                        | 59.5                         | 57.8              | 58.6        |
| <b>Goods ton-miles:</b>                                      |                       |                                   |                   |                             |                              |                   |             |
| Express .....  | 55,361                | -                                 | -                 | -                           | 55,361                       | 309,766           | 365,127     |
| Freight .....  | 312,529               | 1,523,749                         | 402,892           | 344,717                     | 2,583,887                    | 2,378,985         | 4,962,872   |
| Excess baggage .....   | 14,526                | 24,139                            | 60,103            | 14,043                      | 112,811                      | 99,630            | 212,441     |
| Mail .....   | 39,443                | 150,646                           | 68,299            | 107,753                     | 366,141                      | 1,039,765         | 1,405,906   |
| Totals .....   | 421,859               | 1,698,534                         | 531,294           | 466,513                     | 3,118,200                    | 3,828,146         | 6,946,346   |
| <b>Available ton-miles on scheduled service ....</b>         | 5,672,861             | 10,865,555                        | 12,068,451        | 6,192,716                   | 34,799,583                   | 37,072,673        | 71,872,256  |
| <b>Weight load factor on scheduled services(1)</b>           | 53.2                  | 41.3                              | 51.8              | 52.5                        | 49.1                         | 49.0              | 49.1        |
| <b>Bulk:</b>   |                       |                                   |                   |                             |                              |                   |             |
| Departures .....   | 63                    | 100                               | 8                 | -                           | 171                          | ...               | ...         |
| Hours flown .....  | 122                   | 161                               | 53                | -                           | 336                          | ...               | ...         |
| Miles flown .....  | 33,491                | 22,512                            | 15,815            | -                           | 71,818                       | ...               | ...         |
| Passengers carried .....                                     | 836                   | 833                               | 492               | -                           | 2,161                        | ...               | ...         |
| Goods carried .....  | -                     | 51,533                            | -                 | -                           | 51,533                       | ...               | ...         |
| Passenger-miles(2) .....                                     | 1,272,551             | 1,022,731                         | 1,445,523         | -                           | 3,740,805                    | ...               | ...         |
| Goods ton-miles(2) .....                                     | -                     | 3,417                             | -                 | -                           | 3,417                        | ...               | ...         |
| <b>Total:</b>  |                       |                                   |                   |                             |                              |                   |             |
| Departures .....   | 1,546                 | 414                               | 545               | 126                         | 2,631                        | ...               | ...         |
| Hours flown .....  | 2,196                 | 1,259                             | 1,536             | 787                         | 5,778                        | ...               | ...         |
| Miles flown .....  | 513,091               | 533,581                           | 663,051           | 361,982                     | 2,071,705                    | ...               | ...         |
| Passengers carried .....                                     | ...                   | ...                               | ...               | ...                         | 127,303                      | ...               | ...         |
| Goods carried .....  | ...                   | ...                               | ...               | ...                         | 3,968,393                    | ...               | ...         |
| Passenger-miles(2) .....                                     | 27,245,485            | 28,953,321                        | 58,625,885        | 28,769,170                  | 143,593,861                  | ...               | ...         |
| Goods ton-miles(2) .....                                     | 421,859               | 1,701,951                         | 531,294           | 466,513                     | 3,121,617                    | ...               | ...         |

(1) Standard passenger weight used: 200 pounds.

(2) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

TABLE 7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)  
February 1965

|  | United States              |                 |           | Europe                    |                 |           |
|--|----------------------------|-----------------|-----------|---------------------------|-----------------|-----------|
|  | To                         | From            | Total     | To                        | From            | Total     |
| Passengers carried:                          |                            |                 |           |                           |                 |           |
| Unit toll ..... No.                          | 77,082                     | 72,633          | 149,715   | 8,344                     | 10,191          | 18,535    |
| Bulk ..... "                                 | 328                        | 442             | 770       | 525                       | 135             | 660       |
| Totals ..... "                               | 77,410                     | 73,075          | 150,485   | 8,869                     | 10,326          | 19,195    |
| Freight, express and excess baggage carried: |                            |                 |           |                           |                 |           |
| Unit toll ..... lb.                          | 554,721                    | 2,534,159       | 3,088,880 | 711,385                   | 1,860,548       | 2,571,933 |
| Bulk ..... "                                 | -                          | -               | -         | -                         | -               | -         |
| Totals ..... "                               | 554,721                    | 2,534,159       | 3,088,880 | 711,385                   | 1,860,548       | 2,571,933 |
| Mail carried (unit toll) ..... "             | 134,230                    | 240,352         | 374,582   | 117,456                   | 145,959         | 263,415   |
|  | All other areas            |                 |           | Totals                    |                 |           |
|  | To                         | From            | Total     | To                        | From            | Total     |
| Passengers carried:                          |                            |                 |           |                           |                 |           |
| Unit toll ..... No.                          | 14,055                     | 12,042          | 26,097    | 99,481                    | 94,866          | 194,347   |
| Bulk ..... "                                 | -                          | 139             | 139       | 853                       | 716             | 1,569     |
| Totals ..... "                               | 14,055                     | 12,181          | 26,236    | 100,334                   | 95,582          | 195,916   |
| Freight, express and excess baggage carried: |                            |                 |           |                           |                 |           |
| Unit toll ..... lb.                          | 221,202                    | 94,912          | 316,114   | 1,487,308                 | 4,489,619       | 5,976,927 |
| Bulk ..... "                                 | -                          | -               | -         | -                         | -               | -         |
| Totals ..... "                               | 221,202                    | 94,912          | 316,114   | 1,487,308                 | 4,489,619       | 5,976,927 |
| Mail carried (unit toll) ..... "             | 29,249                     | 23,801          | 53,050    | 280,935                   | 410,112         | 691,047   |
|  | Total by Canadian carriers |                 |           | Total by Foreign carriers |                 |           |
|  | Leaving Canada             | Entering Canada | Total     | Leaving Canada            | Entering Canada | Total     |
| Passengers carried:                          |                            |                 |           |                           |                 |           |
| Unit toll ..... No.                          | 63,013                     | 58,781          | 121,794   | 36,468                    | 36,085          | 72,553    |
| Bulk ..... "                                 | 586                        | 342             | 928       | 267                       | 374             | 641       |
| Totals ..... "                               | 63,599                     | 59,123          | 122,722   | 36,735                    | 36,459          | 73,194    |
| Freight, express and excess baggage carried: |                            |                 |           |                           |                 |           |
| Unit toll ..... lb.                          | 1,005,898                  | 2,369,917       | 3,375,815 | 481,410                   | 2,119,702       | 2,601,112 |
| Bulk ..... "                                 | -                          | -               | -         | -                         | -               | -         |
| Totals ..... "                               | 1,005,898                  | 2,369,917       | 3,375,815 | 481,410                   | 2,119,702       | 2,601,112 |
| Mail carried (unit toll) ..... "             | 171,829                    | 181,744         | 353,573   | 109,106                   | 228,368         | 337,474   |

(1) Passengers and goods in transit through Canada are excluded.

TABLE 8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service

February 1965

| Type of service:                     | Fixed wing aircraft |                |               |                | Helicopters   |                |               |                |
|--------------------------------------|---------------------|----------------|---------------|----------------|---------------|----------------|---------------|----------------|
|                                      | Month               |                | Year to date  |                | Month         |                | Year to date  |                |
|                                      | Revenue hours       | Revenue earned | Revenue hours | Revenue earned | Revenue hours | Revenue earned | Revenue hours | Revenue earned |
|                                      | No.                 | \$             | No.           | \$             | No.           | \$             | No.           | \$             |
| Aerial advertising .....             | -                   | -              | -             | -              | 108           | 8,133          | 145           | 11,800         |
| Aerial fish cultivation .....        | -                   | -              | 23            | -              | -             | -              | -             | -              |
| Aerial patrol and inspection .....   | 646                 | 74,853         | 875           | 87,161         | 396           | 124,457        | 642           | 145,489        |
| Aerial pest control .....            | -                   | -              | -             | -              | -             | -              | -             | -              |
| Aerial photography and survey .....  | 405                 | 40,387         | 610           | 79,243         | 92            | 1,160          | 92            | 1,160          |
| Aerial photography (excl. survey) .. | 31                  | 950            | 48            | 1,374          | 46            | 2,475          | 47            | 2,513          |
| Aircraft rental .....                | 31                  | 455            | 93            | 1,488          | -             | -              | -             | -              |
| Flying training .....                | 2,827               | 46,921         | 4,971         | 83,108         | 68            | 4,100          | 114           | 6,950          |
| Geophysical survey .....             | 518                 | 56,326         | 803           | 94,467         | 25            | 1,278          | 25            | 1,278          |
| Non-transportation charter .....     | -                   | -              | -             | -              | -             | -              | -             | -              |
| Philanthropic .....                  | -                   | -              | -             | -              | -             | -              | -             | -              |
| Recreational flying .....            | 724                 | 15,320         | 1,325         | 26,948         | 8             | 729            | 8             | 729            |
| Specialty flying - Other .....       | -                   | -              | 5 Dr.         | 17             | 24            | 3,676          | 154           | 19,299         |
| Totals .....                         | 5,182               | 235,212        | 8,753         | 373,772        | 767           | 146,008        | 1,227         | 189,218        |

TABLE 9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV

February 1965

|                                       | Carriers operating helicopters only |              | Carriers operating both helicopters and fixed wing aircraft |              | Total  |              |
|---------------------------------------|-------------------------------------|--------------|---|--------------|--------|--------------|
|                                       | Month                               | Year to date | Month   | Year to date | Month  | Year to date |
| Carriers reporting .....              | No.                                 | 16           | ...   | 8            | ...    | 24           |
| Helicopters - Owned .....             | "                                   | 164          | 150   | 17           | 11     | 181          |
| Leased .....                          | "                                   | 14           | 16  | 2            | 2      | 16           |
| Totals .....                          | "                                   | 178          | 166   | 19           | 14     | 197          |
| Revenue hours flown - Unit toll ..... | "                                   | -            | -   | -            | -      | -            |
| Bulk .....                            | "                                   | 1,443        | 2,423   | 32           | 51     | 1,475        |
| Specialty .....                       | "                                   | 536          | 961   | 231          | 266    | 767          |
| Totals .....                          | "                                   | 1,979        | 3,384   | 263          | 317    | 2,242        |
| Non-revenue hours flown .....         | "                                   | 417          | 529   | 5            | 9      | 422          |
| Fuel and oil consumed:                |                                     |              |   |              |        |              |
| Gasoline .....                        | gal.                                | 46,325       | 66,455  | 2,844        | 3,970  | 49,169       |
| Cost .....                            | \$                                  | 20,312       | 29,581  | 1,385        | 1,803  | 21,697       |
| Oil .....                             | gal.                                | 713          | 998   | 69           | 92     | 782          |
| Cost .....                            | \$                                  | 1,331        | 1,827   | 108          | 149    | 1,439        |
| Average number of employees:          |                                     |              |   |              |        |              |
| Pilots .....                          | No.                                 | 147          | 140   | 11           | 8      | 158          |
| Administrative .....                  | "                                   | 59           | 59  | 2            | 2      | 61           |
| Maintenance labour .....              | "                                   | 143          | 140   | 4            | 4      | 147          |
| Other personnel .....                 | "                                   | 7            | 7   | -            | -      | 7            |
| Totals .....                          | "                                   | 356          | 346   | 17           | 14     | 373          |
| Salaries and wages:                   |                                     |              |   |              |        |              |
| Pilots .....                          | \$                                  | 104,412      | 187,214   | 7,330        | 10,645 | 111,742      |
| Administrative .....                  | \$                                  | 36,690       | 72,550  | 1,300        | 1,700  | 37,990       |
| Maintenance labour .....              | \$                                  | 80,240       | 147,959   | 1,985        | 4,548  | 82,225       |
| Other personnel .....                 | \$                                  | 1,907        | 3,858   | -            | -      | 1,907        |
| Totals .....                          | \$                                  | 223,249      | 411,581   | 10,615       | 16,893 | 233,864      |



TABLE 10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV  
February 1965

|  | Current month | Year to date |
|--|---------------|--------------|
|  | dollars       |              |
| Operating revenues:                      |               |              |
| Unit toll transportation:                |               |              |
| Passengers .....                         | -             | -            |
| Express .....                            | -             | -            |
| Freight .....                            | -             | -            |
| Excess baggage .....                     | -             | -            |
| Mail .....                               | -             | -            |
| Total unit toll transportation .....     | -             | -            |
| Bulk transportation .....                | 163,730       | 299,886      |
| Total transportation .....               | 163,730       | 299,886      |
| Other flying services .....              | 51,795        | 91,587       |
| Total flying services .....              | 215,525       | 391,473      |
| Non-flying services .....                | 26,258        | 39,644       |
| Total operating revenues .....           | 241,783       | 431,117      |
| Operating expenses:                      |               |              |
| Flying operations .....                  | 194,050       | 312,667      |
| Maintenance .....                        | 98,455        | 249,131      |
| General service and administration ..... | 68,582        | 129,426      |
| Depreciation and amortization .....      | 51,383        | 93,510       |
| Total operating expenses .....           | 412,470       | 784,734      |
| Operating income (deficit) .....         | Dr. 170,687   | Dr. 353,617  |
| Non-operating income:                    |               |              |
| Capital gains and losses .....           | 4,072         | 2,220        |
| Interest and discounts .....             | -             | 2,099        |
| Miscellaneous non-operating income ..... | 552           | Dr. 1,115    |
| Income before interest expense .....     | Dr. 166,063   | Dr. 350,413  |
| Interest expense .....                   | 15,854        | 31,646       |
| Income before income taxes .....         | Dr. 181,917   | Dr. 382,059  |
| Provision for income taxes .....         | 803           | 1,063        |
| Net income after income taxes .....      | Dr. 182,720   | Dr. 383,122  |

CIVIL AVIATION DEFINITIONS (1)

Bulk Transportation:

- (1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4); and
- (2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).

Classification of Canadian  
Carriers by Groups

- Group I Carriers: Canadian Air Carriers licensed to perform both domestic and international scheduled services. (Trans-Canada Air Lines and Canadian Pacific Air Lines Ltd.).
- Group II Carriers: Canadian Air Carriers other than Group I carriers licensed to perform domestic scheduled services and Nordair Ltd. (2).
- Group III Carriers: Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$500,000 or over (excepting air carriers included in Group I and II).
- Group IV Carriers: Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$100,000 and over, but less than \$500,000.
- Group V Carriers: Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of less than \$100,000.

Cargo:

Air freight and air express (excluding mail and excess baggage).

Carrier, Air:

Any person who operates aircraft in or over Canada for hire or reward.

Non-Scheduled Carriers: Carriers not operating any scheduled (Class I) service.

Scheduled Carriers: Air Carriers serving designated points in accordance with a service schedule and at a toll per unit.

- 
- (1) Reference to Classes refers to the classification of air carriers as defined by the Air Transport Board and published in the "Directory of Canadian Commercial Air Services" Queen's Printer, Ottawa.
  - (2) For statistical purposes in this report, Nordair Ltd. is included with Group III carriers.

Freedoms of the Air:

- First Freedom: The privilege to fly over the territory of a foreign country without landing.
- Second Freedom: The privilege to land on the territory of a foreign country for non-traffic purposes.
- Third Freedom: The privilege to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
- Fourth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
- Fifth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the privilege to put down in a foreign country, passengers, mail and cargo coming from any such territory.

Goods: Air Cargo (freight and express) plus mail and excess baggage.

Interline Traffic:

- Domestic Interline: Passengers and goods received by a carrier at Canadian points from other Canadian Air Carriers.
- Foreign Interline: Passengers and goods received by a carrier from Foreign Air Carriers.
- Divisional Interline: Passengers and goods received from other operating divisions of the same carrier.

International Services:

- Trans-Border Services: Services between Canada and the United States.
- Southern Services: Services between Canada and Bermuda, the Caribbean, Mexico, Central or South America.
- Trans-Atlantic and Polar Services: Services between Canada and Europe.
- Pacific and Orient Services: Services between Canada and points in the Pacific Ocean or the Orient.

Load Capacity Available: Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, stewards' supplies, etc.

|                                   |  |
|-----------------------------------|--|
| <u>Load Factor, Passenger:</u>    | Ratio of revenue passenger-miles performed to available seat-miles.  |
| <u>Load Factor, Weight:</u>       | - See Weight, Load-Factor.   |
| <u>Miles:</u>                     | Statute miles of 5,280 ft.   |
| <u>Passenger:</u>                 | A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger. A round trip passenger is counted as two passengers.   |
| Passenger Load-Factor:            | - See Load Factor, Passenger.  |
| Passenger-Mile:                   | The transportation of one passenger one mile.  |
| Non-Revenue Passenger:            | A child or adult carried on a revenue transportation flight for whom no fare is collected, including company personnel.  |
| Revenue Passenger:                | A child or adult for which a fare or part of a fare is paid.   |
| <u>Seat-Miles Available:</u>      | Seats available for the transportation of passengers multiplied by the miles flown on each inter-station flight.   |
| <u>Specialty Flying Services:</u> | Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising.   |
| <u>Tons:</u>                      | Short tons of 2,000 lbs.   |
| <u>Ton-Mile:</u>                  | The transportation of one ton of goods one mile.   |
| <u>Ton-Miles Available:</u>       | Available load capacity multiplied by miles flown on each inter-station flight.  |
| <u>Unit Toll Transportation:</u>  | Public transportation of passengers and goods at a toll per unit. It includes: <ul style="list-style-type: none"><li>(i) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class 1); and</li><li>(ii) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3).</li></ul> |
| <u>Weight Load Factor:</u>        | Ratio of revenue ton-miles performed to available ton-miles.   |







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# CIVIL AVIATION

(MARCH 1965)

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## SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures are not available.
- ... Figures not appropriate or not applicable.
- Nil or zero.



## INTRODUCTION

"Civil Aviation" reports are prepared from monthly and quarterly schedules filed with the Air Transport Board and the Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly returns filed with the Dominion Bureau of Statistics by foreign air carriers operating in Canada.

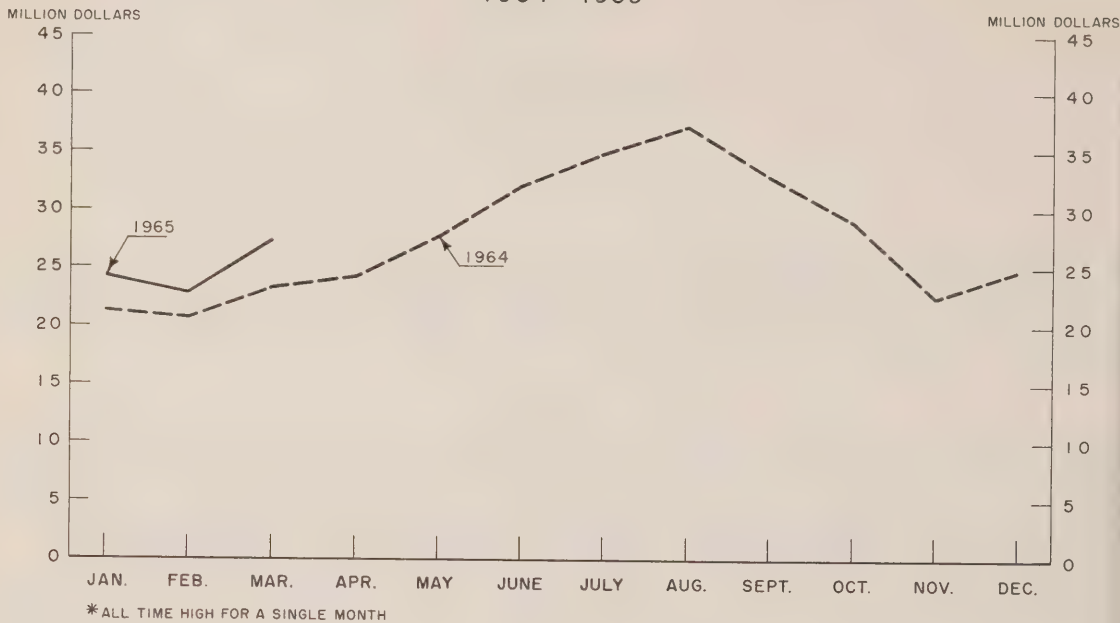
For reporting purposes, Canadian air carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. These groups are described on page twenty of this publication along with other definitions. It should be noted that the definition of each of the five groups was revised as of 1st January 1964. In January 1965, 3 former Group IV carriers were promoted to Group III, 1 Group III carrier was transferred to Group IV and 7 Group V carriers were transferred to Group IV. It should also be noted that Nordair Ltd., classified as a Group II carrier by the Air Transport Board, is included with Group III carriers for statistical purposes. Group V is comprised of small air carriers required to file returns on a quarterly basis only. Data on their operations are excluded from the other carrier statistics appearing throughout the report.

Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. A complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

Domestic and international operations of Canadian carriers are combined in all tables except Table 6 which provides a breakdown of domestic and international operations for Canadian carriers operating international unit toll and bulk services.

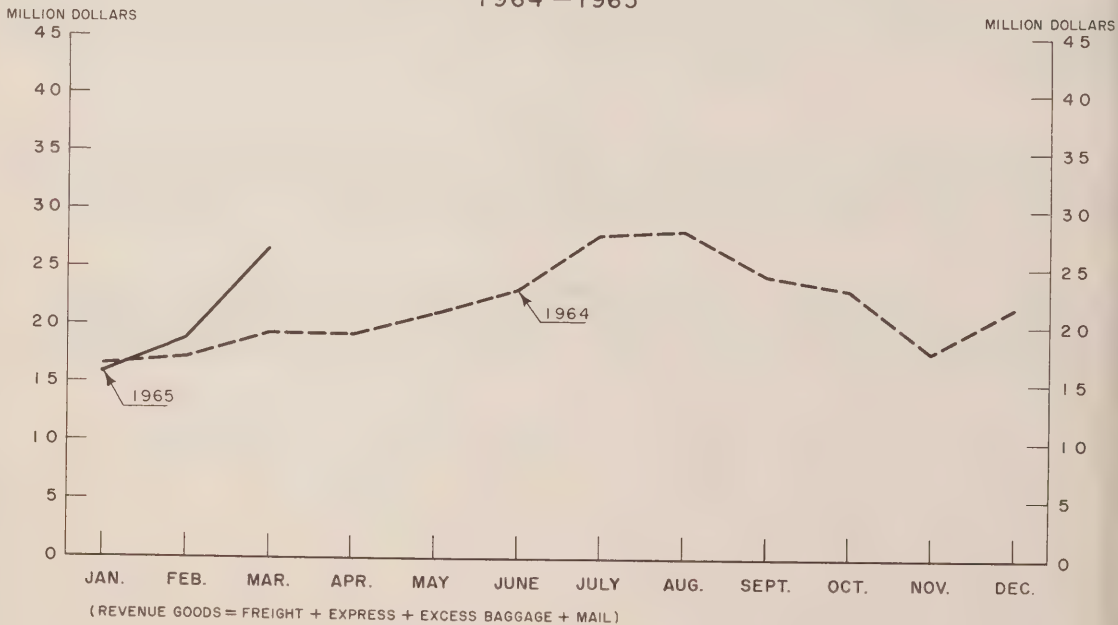
Table 7 provides data on traffic leaving and entering Canada on an area of service basis. Passengers, cargo and mail in transit through Canada are excluded. The table contains the operations of both Canadian and Foreign carriers with separate totals for each.

# OPERATING REVENUE OF CANADIAN AIR CARRIERS 1964 - 1965



## REVENUE GOODS CARRIED BY CANADIAN AIR CARRIERS

1964 - 1965



## REVIEW OF MARCH OPERATIONS

Increases were reported in the transportation of both revenue passengers and revenue goods by Canadian air carriers during the month of March compared with March 1964. The number of passengers carried totalled 480,927 an increase of 16.1 per cent. The weight of goods transported rose to 13,264 tons, an increase of 37.1 per cent. Revenue miles flown increased 12.7 per cent to 8,288,806.

Unit toll and bulk transportation services performed by Canadian carriers accounted for a total of 351,656,034 passenger-miles and 11,795,126 goods ton-miles. Unit toll services made up 97.3 per cent of the total passenger-miles and 74.1 per cent of the total goods ton-miles.

March operating revenues showed a 27.4 per cent increase over March 1964 to \$27,239,355 while operating expenses rose 22.8 per cent to \$27,546,749 resulting in an operating loss of \$307,394. The operating loss in March 1964 was \$1,048,014. A net deficit of \$1,207,479 after provision for income taxes was reported for March 1965 as compared to a deficit of \$1,922,762 for the same month in 1964.

Fourteen carriers who operated helicopters exclusively reported a total of 1683 hours flown by 144 machines. Ten carriers operating both fixed wing craft and helicopters reported a total of 600 hours flown by 24 machines. Operating revenues reported by helicopter-only carriers for the month of March amounted to \$160,330 while operating expenses amounted to \$195,952.

During March the six Canadian scheduled carriers transported 447,429 revenue passengers and 9,771 tons of revenue goods which amounted to 93.0 per cent of the total number of passengers and 73.7 per cent of the total weight of revenue goods carried by all Canadian carriers. Operating revenues of scheduled carriers amounted to \$24,932,382 or 91.5 per cent of all Canadian air carrier revenues. Operating expenses of scheduled carriers amounted to \$25,090,454 or 91.1 per cent of all Canadian air carrier expenses. March 1964 figures for the proportion of operations attributable to scheduled carriers as a percentage of totals for all Canadian carriers are as follows: Passengers carried 94.2 per cent, tons of goods carried 70.0 per cent, operating revenues 91.8 per cent and operating expenses 91.9 per cent.

Revenue passenger-miles performed by Canadian carriers in international unit toll service in March amounted to 163,398,296 or 45.3 per cent of the total unit toll passenger-miles performed by Canadian carriers. International services performed by Canadian carriers calculated according to passenger-miles travelled were divided by area as follows:

| <u>Area</u>                    | <u>Percentage</u> |
|--------------------------------|-------------------|
| Trans-Border .....             | 17.7              |
| Trans-Atlantic and Polar ..... | 25.9              |
| Southern .....                 | 40.8              |
| Pacific and Orient .....       | <u>15.6</u>       |
| Total .....                    | 100.0             |

### Foreign Carriers

Foreign carriers licensed to operate in Canada transported 84,067 revenue passengers during March, an increase of 20.8 per cent over March 1964. Weight of revenue goods carried totalled 1,673 tons, an increase of 26.7 per cent over the same period in 1964. Foreign carriers report hours and miles flown over Canadian territory only. Statistics concerning passengers and goods in transit have been excluded.

### Cumulative Figures for the Year to Date (Canadian Carriers)

Compared with the same period in 1964 the first three months of 1965 showed an increase of 12.0 per cent to 1,340,568 in the number of revenue passengers carried while the weight of revenue goods carried rose 15.4 per cent to 30,641 tons. Passenger-miles performed by Canadian carriers totalled 984,318,576 while goods ton-miles totalled 27,263,170 for the first quarter of the year. Operating revenues increased 14.2 per cent to \$74,506,436 while operating expenses increased 9.9 per cent to \$78,190,171.

The operations of Group V carriers for the first quarter of 1965 are covered in Table 11. The 269 carriers reporting transported 21,936 passengers and 1,290 tons of revenue goods.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

March 1965

|                                      | Canadian carriers                       |                        |           |           |                         | Foreign carriers(2)    |                           |             | Grand total all carriers | Year to date |
|--------------------------------------|---|------------------------|-----------|-----------|-------------------------|------------------------|---------------------------|-------------|--------------------------|--------------|
|                                      | Scheduled carriers<br>Group I and II(1) | Non-scheduled carriers |           |           | Total Canadian carriers | United States carriers | Other Foreign carriers(3) |             |                          |              |
|                                      |   | Group III(1)           | Group IV  | Total     |                         |                        |                           |             |                          |              |
| Number of carriers reporting ...     | 6                                       | 17                     | 55        | 72        | 78                      | 10                     | 9                         | 97          | ..                       |              |
| Revenue transportation services:     |   |                        |           |           |                         |                        |                           |             |                          |              |
| Unit toll:                           |   |                        |           |           |                         |                        |                           |             |                          |              |
| Departures .....                     | 17,994                                  | 2,547                  | 480       | 3,027     | 21,021                  | ..                     | ..                        | ..          | ..                       |              |
| Hours flown .....                    | 22,601                                  | 2,548                  | 306       | 2,854     | 25,455                  | 341                    | 964                       | 26,760      | 75,034                   |              |
| Miles scheduled .....                | 5,841,672                               | ...                    | ...       | ...       | 5,841,672               | 86,703                 | 390,891                   | 6,319,266   | 17,948,056               |              |
| Miles flown:(4)                      |   |                        |           |           |                         |                        |                           |             |                          |              |
| Scheduled .....                      | 5,904,630                               | ...                    | ...       | ...       | 5,904,630               | 86,239                 | 390,627                   | 6,381,496   | 18,038,700               |              |
| Non-scheduled .....                  | 299,283                                 | 317,997                | 40,942    | 358,939   | 658,222                 | -                      | -                         | 658,222     | 1,762,643                |              |
| Totals .....                         | 6,203,913                               | 317,997                | 40,942    | 358,939   | 6,562,852               | 86,239                 | 390,627                   | 7,039,718   | 19,801,343               |              |
| Passengers carried .....             | 441,350                                 | 8,747                  | 2,134     | 10,881    | 452,231                 | 62,594                 | 21,162                    | 535,987     | 1,503,465                |              |
| Goods carried:                       |   |                        |           |           |                         |                        |                           |             |                          |              |
| Cargo .....                          | 11,066,508                              | 584,099                | 109,212   | 693,311   | 11,759,819              | 994,512                | 1,950,697                 | 14,845,082  | 38,066,543               |              |
| Excess baggage .....                 | 124,775(5)                              | 3,348                  | 11,931    | 15,279    | 140,054                 | -                      | -                         | -           | -                        |              |
| Mail .....                           | 4,232,004                               | 204,721                | 21,594    | 226,315   | 4,458,319               | 185,126                | 215,890                   | 4,859,335   | 13,197,577               |              |
| Totals .....                         | 15,423,287                              | 792,168                | 142,737   | 934,905   | 16,358,192              | 1,179,638              | 2,166,587                 | 19,708,417  | 51,264,120               |              |
| Passenger-miles .....                | 340,466,591                             | 1,464,730              | 92,037    | 1,556,767 | 342,023,358             | 2,561,673              | 15,781,017                | 360,366,048 | 1,005,136,982            |              |
| Goods ton-miles:                     |   |                        |           |           |                         |                        |                           |             |                          |              |
| Cargo .....                          | 6,494,305                               | 165,303                | 18,319    | 183,622   | 6,677,927               | 23,288                 | 741,572                   | 7,731,796   | 20,439,147               |              |
| Excess baggage .....                 | 286,904                                 | 1,707                  | 398       | 2,105     | 289,009                 | -                      | -                         | -           | -                        |              |
| Mail .....                           | 1,717,286                               | 49,022                 | 1,247     | 50,269    | 1,767,555               | 3,956                  | 88,261                    | 1,859,772   | 5,169,803                |              |
| Totals .....                         | 8,498,495                               | 216,032                | 19,964    | 235,996   | 8,734,491               | 27,244                 | 829,833                   | 9,591,568   | 25,608,950               |              |
| Bulk:                                |   |                        |           |           |                         |                        |                           |             |                          |              |
| Departures .....                     | 2,468                                   | 4,569                  | 9,629     | 14,198    | 16,666                  | ..                     | ..                        | ..          | ..                       |              |
| Hours flown .....                    | 2,846                                   | 5,724                  | 8,141     | 13,865    | 16,711                  | 1                      | 3                         | 16,715      | 38,541                   |              |
| Miles flown .....                    | 391,852                                 | 555,311                | 778,791   | 1,334,102 | 1,725,954               | 288                    | 850                       | 1,727,092   | 4,204,022                |              |
| Passengers carried .....             | 6,079                                   | 8,959                  | 13,658    | 22,617    | 28,696                  | 256                    | 55                        | 29,007      | 77,935                   |              |
| Freight carried .....                | 4,119,148                               | 4,236,584              | 1,814,748 | 6,051,332 | 10,170,480              | -                      | -                         | 10,170,480  | 20,301,529               |              |
| Passenger-miles(6) .....             | 6,156,890                               | 3,401,254              | 74,532    | 3,475,786 | 9,632,676               | ..                     | ..                        | ..          | ..                       |              |
| Goods ton-miles(6) .....             | 428,945                                 | 747,856                | 1,883,834 | 2,631,690 | 3,060,635               | -                      | -                         | 3,060,635   | ..                       |              |
| Revenue non-transportation services: |   |                        |           |           |                         |                        |                           |             |                          |              |
| Specialty flying - Hours flown "     | 180                                     | 3,142                  | 5,415     | 8,557     | 8,737                   | -                      | -                         | 8,737       | 19,499                   |              |

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded(9)

March 1965

|                                    | Canadian carriers                        |                        |           |           | Foreign carriers(2)     |                        | Grand total all carriers | Year to date  |                           |
|------------------------------------|--|------------------------|-----------|-----------|-------------------------|------------------------|--------------------------|---------------|---------------------------|
|                                    | Scheduled carriers<br>Groups I and II(1) | Non-scheduled carriers |           |           | Total Canadian carriers | United States carriers |                          |               | Other Foreign carriers(3) |
|                                    |  | Group III(1)           | Group IV  | Total     |                         |                        |                          |               |                           |
| Total - All services:              |  |                        |           |           |                         |                        |                          |               |                           |
| Revenue:                           |  |                        |           |           |                         |                        |                          |               |                           |
| Traffic, miles and hours:(7)       |  |                        |           |           |                         |                        |                          |               |                           |
| Departures .....                   | 20,462                                   | 7,116                  | 10,109    | 17,225    | 37,687                  | ..                     | ..                       | 52,212        | ..                        |
| Hours flown .....                  | 25,627                                   | 11,414                 | 13,862    | 25,276    | 50,903                  | 342                    | 967                      | 8,766,810     | 133,074                   |
| Miles flown .....                  | 6,595,765                                | 873,308                | 819,733   | 1,693,041 | 8,288,806               | 86,527                 | 391,477                  | 24,005,365    | 24,005,365                |
| Passengers carried .....           | 447,429                                  | 17,706                 | 15,792    | 33,498    | 480,927                 | 62,850                 | 21,217                   | 564,994       | 1,581,400                 |
| Cargo carried .....                | 15,185,656                               | 4,820,683              | 1,923,960 | 6,744,643 | 21,930,299              | 994,512(8)             | 1,950,697(8)             | 24,875,508(8) | 63,080,429(8)             |
| Goods carried .....                | 19,542,435                               | 5,028,752              | 1,957,485 | 6,986,237 | 26,528,672              | 1,179,638              | 2,166,587                | 29,874,897    | 72,875,546                |
| Passenger-miles(6) .....           | 346,623,481                              | 4,865,984              | 166,569   | 5,032,553 | 351,656,034             | ..                     | ..                       | ..            | ..                        |
| Goods ton-miles(6) .....           | 8,927,440                                | 963,888                | 1,903,798 | 2,867,686 | 11,795,126              | 27,244                 | 829,833                  | 12,652,203    | ..                        |
| Non-revenue:                       |  |                        |           |           |                         |                        |                          |               |                           |
| Hours flown .....                  | 1,026                                    | 736                    | 516       | 1,252     | 2,278                   | 1                      | -                        | 2,279         | 5,436                     |
| Passengers carried .....           | 2,972(2)                                 | 68                     | -         | 68        | 3,040                   | 1,003                  | 325                      | 4,368         | 11,507                    |
| Goods carried .....                | 246,133(2)                               | 45,033                 | 450       | 45,483    | 291,616                 | 13,887                 | 59,587                   | 365,090       | 944,882                   |
| Passenger-miles .....              | 14,377,191                               | 2,084                  | 451       | 2,535     | 14,379,726              | 42,999                 | 228,032                  | 14,650,757    | 43,918,106                |
| Goods ton-miles .....              | 669,939                                  | 32,737                 | -         | 32,737    | 702,676                 | 295                    | 21,987                   | 724,958       | 1,783,827                 |
| Fuel and oil consumed:             |  |                        |           |           |                         |                        |                          |               |                           |
| Turbo fuel - Quantity .....        | 16,341,387                               | -                      | 11,660    | 11,660    | 16,353,047              | 171,518                | 2,522,476                | 19,047,041    | 53,507,735                |
| Cost .....                         | 2,270,854                                | -                      | 3,242     | 3,242     | 2,274,096               | 28,498                 | 414,707                  | 2,717,301     | 7,571,496                 |
| Gasoline - Quantity .....          | 987,999                                  | 566,494                | 194,112   | 760,606   | 1,748,605               | 30,649                 | 31,275                   | 1,810,529     | 4,714,112                 |
| Cost .....                         | 322,480                                  | 231,594                | 87,969    | 319,563   | 642,043                 | 7,629                  | 9,301                    | 658,973       | 1,631,290                 |
| Turbo oil - Quantity .....         | 3,625                                    | -                      | 2         | 2         | 3,627                   | 48                     | 43                       | 3,718         | 10,645                    |
| Cost .....                         | 34,974                                   | -                      | 30        | 30        | 35,004                  | 26                     | 260                      | 35,290        | 103,257                   |
| Other oil - Quantity .....         | 11,254                                   | 6,187                  | 3,350     | 9,539     | 20,793                  | 33                     | 30                       | 20,856        | 56,898                    |
| Cost .....                         | 12,271                                   | 8,567                  | 5,279     | 13,846    | 26,117                  | 18                     | 28                       | 26,163        | 66,521                    |
| Average number of employees:       |  |                        |           |           |                         |                        |                          |               |                           |
| Pilots and co-pilots .....         | 1,065                                    | 314                    | 262       | 576       | 1,641                   | ..                     | ..                       | ..            | ..                        |
| Other flight personnel .....       | 1,109                                    | 22                     | 40        | 62        | 1,171                   | ..                     | ..                       | ..            | ..                        |
| General management .....           | 317                                      | 95                     | 108       | 203       | 520                     | ..                     | ..                       | ..            | ..                        |
| Maintenance labour .....           | 3,735                                    | 360                    | 234       | 594       | 4,329                   | ..                     | ..                       | ..            | ..                        |
| Aircraft & traffic servicing ..... | 5,137                                    | 111                    | 36        | 147       | 5,284                   | ..                     | ..                       | ..            | ..                        |
| Other personnel .....              | 4,757                                    | 206                    | 212       | 418       | 5,175                   | ..                     | ..                       | ..            | ..                        |
| Totals .....                       | 16,120                                   | 1,108                  | 892       | 2,000     | 18,120                  | 262                    | 667                      | 19,049        | 18,845                    |
| Salaries and wages paid:           |  |                        |           |           |                         |                        |                          |               |                           |
| Pilots and co-pilots .....         | 1,261,964                                | 214,588                | 152,622   | 367,210   | 1,629,174               | ..                     | ..                       | ..            | ..                        |
| Other flight personnel .....       | 497,099                                  | 13,880                 | 15,020    | 28,900    | 525,999                 | ..                     | ..                       | ..            | ..                        |
| General management .....           | 298,481                                  | 82,429                 | 64,210    | 146,639   | 445,120                 | ..                     | ..                       | ..            | ..                        |
| Maintenance labour .....           | 2,097,687                                | 182,153                | 103,678   | 285,831   | 2,383,518               | ..                     | ..                       | ..            | ..                        |
| Aircraft & traffic servicing ..... | 2,576,157                                | 46,068                 | 11,745    | 57,813    | 2,633,970               | ..                     | ..                       | ..            | ..                        |
| Other personnel .....              | 2,517,460                                | 78,328                 | 75,033    | 153,361   | 2,670,821               | ..                     | ..                       | ..            | ..                        |
| Totals .....                       | 9,248,848                                | 617,446                | 422,308   | 1,039,754 | 10,288,602              | 139,866                | 335,472                  | 10,763,940    | 31,150,096                |

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

(2) See "Foreign Carriers", page 7, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Air Canada.

(6) Excludes chartered aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(7) These data exclude non-transportation services, except for hours flown.

(8) Includes excess baggage.

(9) Data in Tables 4, 5, 6, 7, 8 and 9 included in this table.



TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group

March 1965

|                                       | Scheduled carriers |             |             | Non-scheduled carriers |             |             | Grand total   | Year to date  |
|---------------------------------------|--------------------|-------------|-------------|------------------------|-------------|-------------|---------------|---------------|
|                                       | Group I            | Group II(1) | Total       | Group III(1)           | Group IV    | Total       |               |               |
|                                       | dollars            |             |             |                        |             |             |               |               |
| Operating revenues:                   |                    |             |             |                        |             |             |               |               |
| Unit toll transportation:             |                    |             |             |                        |             |             |               |               |
| Passengers .....                      | 19,345,153         | 830,163     | 20,175,316  | 203,468                | 20,422      | 223,890     | 20,399,206    | 56,764,989    |
| Express .....                         | 4,006,801          | 19,287      | 4,026,088   | 11,360                 | 2,389       | 13,749      | 4,039,837     | 1,183,948     |
| Freight .....                         | 1,449,628          | 185,971     | 1,635,599   | 92,623                 | 6,377       | 99,000      | 1,744,599     | 4,653,396     |
| Excess baggage .....                  | 131,331            | 15,492      | 146,823     | 4,087                  | 836         | 4,923       | 151,746       | 390,140       |
| Mail .....                            | 1,372,994          | 155,989     | 1,528,983   | 82,095                 | 3,116       | 85,211      | 1,614,194     | 4,515,406     |
| Total unit toll transportation ..     | 22,705,907         | 1,216,902   | 23,922,809  | 393,633                | 33,140      | 426,773     | 24,349,582    | 67,507,879    |
| Bulk transportation .....             | 158,921            | 480,894     | 639,815     | 865,485                | 625,275     | 1,490,760   | 2,130,575     | 4,943,783     |
| Total transportation .....            | 22,864,828         | 1,697,796   | 24,562,624  | 1,259,118              | 658,415     | 1,917,533   | 26,480,157    | 72,451,662    |
| Other flying services .....           | 1,958              | 32,501      | 34,459      | 247,899                | 115,349     | 363,248     | 397,707       | 911,425       |
| Total flying services .....           | 22,866,786         | 1,730,297   | 24,597,083  | 1,507,017              | 773,764     | 2,280,781   | 26,877,864    | 73,363,087    |
| Non-flying services .....             | 311,966            | 23,333      | 335,299     | 38,849                 | 12,657      | 26,192      | 361,491       | 1,143,349     |
| Total operating revenues .....        | 23,178,752         | 1,753,630   | 24,932,382  | 1,545,866              | 761,107     | 2,306,973   | 27,239,355    | 74,506,436    |
| Operating expenses:                   |                    |             |             |                        |             |             |               |               |
| Flying operations .....               | 5,433,369          | 602,999     | 6,036,368   | 595,769                | 360,709     | 956,478     | 6,992,846     | 19,920,862    |
| Maintenance .....                     | 5,078,233          | 559,227     | 5,637,460   | 511,806                | 295,609     | 807,415     | 6,444,875     | 17,700,468    |
| General services and administration:  |                    |             |             |                        |             |             |               |               |
| Passenger service .....               | 1,970,838          | 60,445      | 2,031,283   | ..                     | ..          | ..          | ..            | ..            |
| Aircraft and traffic servicing .....  | 3,341,141          | 265,536     | 3,606,677   | ..                     | ..          | ..          | ..            | ..            |
| Promotion and sales .....             | 3,802,920          | 111,738     | 3,914,658   | ..                     | ..          | ..          | ..            | ..            |
| General administration .....          | 994,097            | 139,555     | 1,133,652   | ..                     | ..          | ..          | ..            | ..            |
| Totals .....                          | 10,108,996         | 577,274     | 10,686,270  | 337,552                | 199,388     | 536,940     | 11,223,210    | 32,114,560    |
| Depreciation and amortization .....   | 2,622,790          | 107,566     | 2,730,356   | 64,085                 | 91,377      | 155,462     | 2,885,818     | 8,454,281     |
| Total operating expenses .....        | 23,243,388         | 1,847,066   | 25,090,454  | 1,509,212              | 947,083     | 2,456,295   | 27,546,749    | 78,190,171    |
| Operating income (loss) .....         | Dr. 64,636         | Dr. 93,436  | Dr. 158,072 | 36,654                 | Dr. 185,976 | Dr. 149,322 | Dr. 307,394   | Dr. 3,683,735 |
| Non-operating income - Net:           |                    |             |             |                        |             |             |               |               |
| Capital gains and losses .....        | -                  | Dr. 2,724   | Dr. 2,724   | 4,051                  | 45,976      | 41,925      | 39,201        | 224,568       |
| Interest and discounts .....          | 206,004            | 681         | 206,685     | 4,641                  | 113         | 4,754       | 211,439       | 595,240       |
| Miscellaneous non-operating income .. | 71                 | 1,947       | 2,018       | 4,193                  | 11,535      | 15,728      | 17,746        | 30,965        |
| Income before interest expense .....  | 141,439            | Dr. 93,532  | 47,907      | 41,437                 | Dr. 128,352 | Dr. 86,915  | Dr. 39,008    | Dr. 2,832,962 |
| Interest expense .....                | 957,576            | 54,690      | 1,012,266   | 31,909                 | 39,546      | 71,455      | 1,083,721     | 3,154,569     |
| Income before income taxes .....      | Dr. 816,137        | Dr. 148,222 | Dr. 964,359 | 9,528                  | Dr. 167,898 | Dr. 158,370 | Dr. 1,122,729 | Dr. 5,987,531 |
| Provision for income taxes .....      | -                  | -           | -           | 79,697                 | 5,053       | 84,750      | 84,750        | 81,164        |
| Net income after income taxes .....   | Dr. 816,137        | Dr. 148,222 | Dr. 964,359 | Dr. 70,169             | Dr. 172,951 | Dr. 243,120 | Dr. 1,207,479 | Dr. 6,068,695 |

(1) Group II non-scheduled carriers included with Group III for purposes of this report.  
Note: Data in Tables 3, 8 and 10 included in this table.



TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

March 1965

- 11 -

|                                       | Canadian<br>Pacific<br>Air Lines | Eastern<br>Provincial<br>Airways<br>(1963) | Pacific<br>Western<br>Airlines | Quebecair<br>Inc. | Transair<br>Ltd. | Air<br>Canada | Total      | Year<br>to<br>date |
|---------------------------------------|----------------------------------|--|--------------------------------|-------------------|------------------|---------------|------------|--------------------|
| dollars                               |                                  |  |                                |                   |                  |               |            |                    |
| Operating revenues:                   |                                  |  |                                |                   |                  |               |            |                    |
| Unit toll transportation:             |                                  |  |                                |                   |                  |               |            |                    |
| Passengers .....                      | 4,432,927                        | 122,662                                    | 333,690                        | 235,237           | 138,574          | 14,912,226    | 20,175,316 | 56,211,025         |
| Express .....                         | 18,797                           | 2,312                                      | 13,120                         | -                 | 3,855            | 388,004       | 426,088    | 1,152,109          |
| Freight .....                         | 333,418                          | 66,337                                     | 73,905                         | 32,071            | 23,658           | 1,116,210     | 1,645,599  | 4,430,569          |
| Excess baggage .....                  | 33,655                           | 2,165                                      | 8,653                          | 3,794             | 900              | 97,676        | 146,823    | 380,995            |
| Mail .....                            | 302,410                          | 70,377                                     | 52,604                         | 7,267             | 25,741           | 1,070,584     | 1,528,983  | 4,296,406          |
| Total unit toll transportation ..     | 5,121,207                        | 263,853                                    | 481,952                        | 278,369           | 192,728          | 17,584,700    | 23,922,809 | 66,471,104         |
| Bulk transportation .....             | 84,283                           | 91,518                                     | 242,977                        | 2,767             | 143,632          | 74,638        | 639,815    | 1,651,670          |
| Total transportation .....            | 5,205,490                        | 355,371                                    | 724,929                        | 281,136           | 336,360          | 17,659,338    | 24,562,624 | 68,122,774         |
| Other flying services .....           | -                                | 32,501                                     | -                              | -                 | -                | 1,958         | 34,459     | 57,314             |
| Total flying services .....           | 5,205,490                        | 387,872                                    | 724,929                        | 281,136           | 336,360          | 17,661,296    | 24,597,083 | 68,180,088         |
| Non-flying services .....             | 1,07,808                         | 1,168                                      | 1,799                          | 7,211             | 13,155           | 204,158       | 335,299    | 936,645            |
| Total operating revenues .....        | 5,313,298                        | 389,040                                    | 726,728                        | 288,347           | 349,515          | 17,865,454    | 24,932,382 | 69,116,733         |
| Operating expenses:                   |                                  |  |                                |                   |                  |               |            |                    |
| Flying operations .....               | 1,648,641                        | 142,270                                    | 259,176                        | 75,474            | 126,079          | 3,784,728     | 6,036,368  | 17,344,464         |
| Maintenance .....                     | 792,833                          | 172,761                                    | 161,575                        | 87,250            | 137,641          | 4,285,400     | 5,637,460  | 15,558,658         |
| General services and administrations: |                                  |  |                                |                   |                  |               |            |                    |
| Passenger service .....               | 432,484                          | 11,280                                     | 22,727                         | 11,723            | 14,715           | 1,538,354     | 2,031,283  | 5,594,495          |
| Aircraft and traffic servicing .....  | 560,730                          | 73,752                                     | 143,230                        | 31,413            | 17,141           | 2,780,411     | 3,606,677  | 10,664,014         |
| Promotion and sales .....             | 1,054,326                        | 5,828                                      | 18,010                         | 53,296            | 34,604           | 2,748,594     | 3,914,658  | 11,090,221         |
| General administration .....          | 185,680                          | 26,294                                     | 48,794                         | 27,998            | 36,469           | 808,417       | 1,133,652  | 3,279,837          |
| Totals .....                          | 2,233,220                        | 117,134                                    | 232,761                        | 124,430           | 102,929          | 7,875,776     | 10,686,270 | 30,628,567         |
| Depreciation and amortization .....   | 180,005                          | 42,846                                     | 27,636                         | 23,134            | 13,950           | 2,442,785     | 2,730,356  | 7,877,703          |
| Total operating expenses .....        | 4,854,699                        | 475,031                                    | 681,148                        | 310,288           | 380,599          | 18,388,689    | 25,090,454 | 71,409,392         |
| Operating income (loss) .....         | 458,599                          | 85,991                                     | 45,580                         | 21,941            | 31,084           | 523,235       | 158,072    | 2,292,659          |
| Non-operating income - Net:           |                                  |  |                                |                   |                  |               |            |                    |
| Capital gains and losses .....        | -                                | -  | 294                            | -                 | 3,018            | -             | 2,724      | 58,169             |
| Interest and discounts .....          | 46,728                           | 23   | -                              | -                 | 658              | 159,276       | 206,685    | 582,681            |
| Miscellaneous non-operating income .. | 918                              | 12,979                                     | 9,944                          | 991               | 97               | 989           | 2,018      | 7,628              |
| Income before interest expense .....  | 504,409                          | 72,989                                     | 35,930                         | 22,932            | 33,541           | 362,970       | 47,907     | 1,644,181          |
| Interest expense .....                | -                                | 26,825                                     | 9,288                          | 13,860            | 4,717            | 957,576       | 1,012,266  | 2,948,659          |
| Income before income taxes .....      | 504,409                          | 99,814                                     | 26,642                         | 36,792            | 38,258           | 1,320,546     | 964,359    | 4,593,040          |
| Provision for income taxes .....      | -                                | -  | -                              | -                 | -                | -             | -          | -                  |
| Net income after income taxes .....   | 504,409                          | 99,814                                     | 26,642                         | 36,792            | 38,258           | 1,320,546     | 964,359    | 4,593,040          |

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

March 1965

|   | Group I carriers           |             |             | Group II carriers                 |                             |                   |                  |            | Grand total |
|---|----------------------------|-------------|-------------|-----------------------------------|-----------------------------|-------------------|------------------|------------|-------------|
|   | Canadian Pacific Air Lines | Air Canada  | Total       | Eastern Provincial Airways (1963) | Pacific Western Airlines(1) | Quebecair Inc.(1) | Transair Ltd.(1) | Total(1)   |             |
| Revenue transportation services:                      |                            |             |             |                                   |                             |                   |                  |            |             |
| Unit toll:  |                            |             |             |                                   |                             |                   |                  |            |             |
| Departures .....                                      | 1,864                      | 11,473      | 13,337      | 1,014                             | 1,420                       | 1,072             | 1,151            | 4,657      | 17,994      |
| Hours flown .....                                     | 3,410                      | 14,682      | 18,092      | 974                               | 1,504                       | 860               | 1,171            | 4,509      | 22,601      |
| Miles scheduled .....                                 | 1,183,168                  | 4,226,323   | 5,409,491   | 61,284                            | 190,720                     | 96,926            | 83,251           | 432,181    | 5,841,672   |
| Miles flown:  |                            |             |             |                                   |                             |                   |                  |            |             |
| Scheduled - Regular .....                             | 1,155,828                  | 4,173,847   | 5,329,675   | 54,647                            | 186,008                     | 96,298            | 82,843           | 419,796    | 5,749,471   |
| Extra section .....                                   | 15,334                     | 120,088     | 135,422     | 3,569                             | 8,533                       | 51                | 7,584            | 19,737     | 155,159     |
| Non-scheduled .....                                   | 46,563                     | -           | 46,563      | 85,055                            | 32,472                      | 55,521            | 79,672           | 252,720    | 299,283     |
| Totals .....  | 1,217,725                  | 4,293,935   | 5,511,660   | 143,271                           | 227,013                     | 151,870           | 170,099          | 692,253    | 6,203,913   |
| Ratio of regular miles flown to miles scheduled ..... | 97.7                       | 98.8        | 98.5        | 89.2                              | 97.5                        | 99.4              | 99.5             | 97.1       | 98.4        |
| Passengers carried .....                              | 47,417                     | 357,916     | 405,333     | 6,328                             | 16,331                      | 8,423             | 4,935            | 36,017     | 441,350     |
| Goods carried:  |                            |             |             |                                   |                             |                   |                  |            |             |
| Freight .....   | 828,009                    | 7,300,919   | 8,128,928   | 756,824                           | 667,970                     | 163,656           | 162,494          | 1,750,944  | 9,879,872   |
| Express .....   | 90,802                     | 1,027,533   | 1,118,335   | 10,219                            | 43,343                      | -                 | 14,739           | 68,301     | 1,186,636   |
| Excess baggage .....                                  | 58,458(2)                  | ..          | 58,458(2)   | 13,324                            | 27,615                      | 20,947            | 4,431            | 66,317     | 124,775     |
| Mail .....  | 260,221                    | 3,442,070   | 3,702,291   | 215,233                           | 170,019                     | 36,888            | 107,573          | 529,713    | 4,232,004   |
| Totals .....  | 1,237,490                  | 11,770,522  | 13,008,012  | 995,600                           | 908,947                     | 221,491           | 289,237          | 2,415,275  | 15,423,287  |
| Passenger-miles:                                      |                            |             |             |                                   |                             |                   |                  |            |             |
| Scheduled .....                                       | 79,502,398                 | 250,235,814 | 329,738,212 | 355,201                           | 3,847,022                   | 1,500,559         | 1,261,739        | 6,964,521  | 336,702,733 |
| Non-scheduled .....                                   | 1,378,824                  | -           | 1,378,824   | 918,646                           | 145,084                     | 1,029,894         | 291,410          | 2,385,034  | 3,763,858   |
| Totals .....  | 80,881,222                 | 250,235,814 | 331,117,036 | 1,273,847                         | 3,992,106                   | 2,530,453         | 1,553,149        | 9,349,555  | 340,466,591 |
| Available seat-miles on scheduled services .....      | 145,731,957                | 405,865,015 | 551,596,972 | 976,727                           | 8,174,083                   | 3,258,268         | 3,238,569        | 15,647,647 | 567,244,619 |
| Passenger load factor on scheduled services .....     | 54.6                       | 61.7        | 59.8        | 36.4                              | 47.1                        | 46.1              | 39.0             | 44.5       | 59.4        |
| Goods ton-miles:                                      |                            |             |             |                                   |                             |                   |                  |            |             |
| Freight - Scheduled .....                             | 1,073,285                  | 4,569,176   | 5,642,461   | 149,769                           | 169,423                     | 17,612            | 7,243            | 344,047    | 5,986,508   |
| Non-scheduled .....                                   | 2,496                      | -           | 2,496       | 3,498                             | 4,103                       | 11,103            | 24,440           | 43,144     | 45,640      |
| Totals .....  | 1,075,781                  | 4,569,176   | 5,644,957   | 153,267                           | 173,526                     | 28,715            | 31,683           | 387,191    | 6,032,148   |
| Express - Scheduled .....                             | 22,259                     | 421,754     | 444,013     | 712                               | 12,529                      | -                 | 2,849            | 16,090     | 460,103     |
| Non-scheduled .....                                   | 889                        | -           | 889         | 494                               | -                           | -                 | 671              | 1,165      | 2,054       |
| Totals .....  | 23,148                     | 421,754     | 444,902     | 1,206                             | 12,529                      | -                 | 3,520            | 17,255     | 462,157     |

See footnotes at end of table.

March 1965

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|   | Group I carriers           |             |             | Group II carriers                 |                              |                    |                   |            | Grand total |
|---|----------------------------|-------------|-------------|-----------------------------------|------------------------------|--------------------|-------------------|------------|-------------|
|   | Canadian Pacific Air Lines | Air Canada  | Total       | Eastern Provincial Airways (1963) | Pacific Western Airlines (1) | Quebecair Inc. (1) | Transair Ltd. (1) | Total (1)  |             |
| Revenue transportation services - Concluded:                              |                            |             |             |                                   |                              |                    |                   |            |             |
| Unit toll - Concluded:  |                            |             |             |                                   |                              |                    |                   |            |             |
| Goods ton-miles - Concluded:  |                            |             |             |                                   |                              |                    |                   |            |             |
| Excess baggage - Scheduled .....  | 62,938                     | 213,184     | 276,122     | 1,037                             | 3,907                        | 1,751              | 812               | 7,507      | 283,629     |
| Non-scheduled ..  | 216                        | -           | 216         | 1,241                             | 169                          | 1,467              | 182               | 3,059      | 3,275       |
| Totals .....  | 63,154                     | 213,184     | 276,338     | 2,278                             | 4,076                        | 3,218              | 994               | 10,566     | 286,904     |
| Mail - Scheduled .....  | 248,181                    | 1,372,712   | 1,620,893   | 15,110                            | 45,266                       | 3,320              | 5,329             | 69,025     | 1,689,918   |
| Non-scheduled ..  | 4,403                      | -           | 4,403       | 12,428                            | 460                          | 2,041              | 8,036             | 22,965     | 27,368      |
| Totals .....  | 252,584                    | 1,372,712   | 1,625,296   | 27,538                            | 45,726                       | 5,361              | 13,365            | 91,990     | 1,717,286   |
| Total - Scheduled .....   | 1,406,663                  | 6,576,826   | 7,983,489   | 166,628                           | 231,125                      | 22,683             | 16,233            | 436,669    | 8,420,158   |
| Non-scheduled ..  | 8,004                      | 17,661      | 25,665      | 17,661                            | 4,732                        | 14,611             | 33,329            | 70,333     | 78,337      |
| Totals .....  | 1,414,667                  | 6,576,826   | 7,991,493   | 184,289                           | 235,857                      | 37,294             | 49,562            | 507,002    | 8,498,495   |
| Available ton-miles on scheduled services .....                           | 18,860,372                 | 64,403,506  | 83,263,878  | 393,043                           | 1,197,635                    | 400,727            | 350,317           | 2,341,722  | 85,605,600  |
| Weight load factor on scheduled services(3) .....                         | 49.7                       | 49.1        | 49.2        | 55.9                              | 51.8                         | 46.8               | 50.2              | 51.4       | 49.3        |
| Bulk:   |                            |             |             |                                   |                              |                    |                   |            |             |
| Departures .....  | 23                         | 58          | 81          | 404                               | 1,711                        | 5                  | 267               | 2,387      | 2,468       |
| Hours flown .....   | 79                         | 120         | 199         | 560                               | 1,534                        | 18                 | 535               | 2,647      | 2,846       |
| Miles flown .....   | 26,804                     | 39,164      | 65,968      | 52,917                            | 183,918                      | 2,088              | 86,961            | 325,884    | 391,852     |
| Passengers carried .....  | 729                        | 1,447       | 2,176       | 1,217                             | 1,816                        | 11                 | 859               | 3,903      | 6,079       |
| Freight carried .....   | -                          | -           | -           | 243,962                           | 3,398,556                    | -                  | 476,630           | 4,119,148  | 4,119,148   |
| Passenger-miles(4) .....  | 2,208,187                  | 1,842,770   | 4,050,957   | 220,166                           | 898,091                      | 9,350              | 978,326           | 2,105,933  | 6,156,890   |
| Goods ton-miles(4) .....  | -                          | -           | -           | 28,099                            | 94,114                       | 1,772              | 304,960           | 428,945    | 428,945     |
| Revenue non-transportation services: Specialty flying - Hours flown ..... | -                          | 7           | 7           | 173                               | -                            | -                  | -                 | 173        | 180         |
| Total - All services:   |                            |             |             |                                   |                              |                    |                   |            |             |
| Traffic, hours and miles:(5)  |                            |             |             |                                   |                              |                    |                   |            |             |
| Revenue:  |                            |             |             |                                   |                              |                    |                   |            |             |
| Departures .....  | 1,887                      | 11,531      | 13,418      | 1,418                             | 3,131                        | 1,077              | 1,418             | 7,044      | 20,462      |
| Hours flown .....   | 3,489                      | 14,809      | 18,298      | 1,707                             | 3,038                        | 878                | 1,706             | 7,329      | 25,627      |
| Miles flown .....   | 1,244,529                  | 4,333,099   | 5,577,628   | 196,188                           | 410,931                      | 153,958            | 257,060           | 1,018,137  | 6,595,765   |
| Passengers carried .....  | 48,146                     | 359,363     | 407,509     | 7,545                             | 18,147                       | 8,434              | 5,794             | 39,920     | 447,429     |
| Cargo carried .....   | 918,811                    | 8,328,452   | 9,247,263   | 1,011,005                         | 4,109,869                    | 163,656            | 653,863           | 5,938,393  | 15,185,656  |
| Goods carried .....   | 1,237,490                  | 11,770,522  | 13,008,012  | 1,239,562                         | 4,307,503                    | 221,491            | 765,867           | 6,534,423  | 19,542,435  |
| Passenger-miles(4) .....  | 83,089,409                 | 252,078,584 | 335,167,993 | 1,494,013                         | 4,890,197                    | 2,539,803          | 2,531,475         | 11,455,488 | 346,623,481 |
| Goods ton-miles(4) .....  | 1,414,667                  | 6,576,826   | 7,991,493   | 212,388                           | 329,371                      | 39,066             | 354,522           | 935,947    | 8,927,440   |

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

March 1965

|   | Group I carriers           |            |            | Group II carriers                 |                              |                    |                   | Total (1) | Grand total |
|---|----------------------------|------------|------------|-----------------------------------|------------------------------|--------------------|-------------------|-----------|-------------|
|   | Canadian Pacific Air Lines | Air Canada | Total      | Eastern Provincial Airways (1963) | Pacific Western Airlines (1) | Quebecair Inc. (1) | Transair Ltd. (1) |           |             |
| Total - All services - Concluded:         |                            |            |            |                                   |                              |                    |                   |           |             |
| Traffic, hours and miles - Concluded: (5) |                            |            |            |                                   |                              |                    |                   |           |             |
| Non-revenue:                              |                            |            |            |                                   |                              |                    |                   |           |             |
| Hours flown .....                         | 152                        | 561        | 713        | 106                               | 130                          | 26                 | 51                | 313       | 1,026       |
| Passengers carried .....                  | 2,006                      | .. (2)     | 2,006      | 373                               | 330                          | 146                | 117               | 966       | 2,972 (2)   |
| Goods carried .....                       | 185,883                    | .. (2)     | 185,883    | 3,732                             | 47,358                       | -                  | 9,160             | 60,250    | 246,133 (2) |
| Passenger-miles .....                     | 4,945,663                  | 9,472,547  | 14,418,210 | 95,402                            | 81,992                       | -                  | 51,587            | 228,981   | 14,377,191  |
| Goods ton-miles .....                     | 276,435                    | 374,903    | 651,338    | 793                               | 15,278                       | -                  | 2,530             | 18,601    | 669,939     |
| Fuel and oil consumed:                    |                            |            |            |                                   |                              |                    |                   |           |             |
| Turbo fuel - Quantity .....               | 3,631,288                  | 12,404,029 | 16,035,317 | 113,144                           | -                            | 131,152            | 61,774            | 306,070   | 16,341,387  |
| Cost .....                                | 600,095                    | 1,605,355  | 2,205,450  | 23,760                            | -                            | 27,542             | 14,102            | 65,404    | 2,270,854   |
| Gasoline - Quantity .....                 | 415,821                    | -          | 415,821    | 98,197                            | 315,442                      | 23,584             | 134,955           | 572,178   | 987,999     |
| Cost .....                                | 111,298                    | -          | 111,298    | 32,145                            | 116,076                      | 7,783              | 55,178            | 211,182   | 322,480     |
| Turbo oil - Quantity .....                | 523                        | 2,726      | 3,249      | 57                                | -                            | 313                | 6                 | 376       | 3,625       |
| Cost .....                                | 4,392                      | 28,570     | 32,962     | 855                               | -                            | 1,097              | 60                | 2,012     | 34,974      |
| Other oil - Quantity .....                | 4,022                      | -          | 4,022      | 1,509                             | 3,627                        | 517                | 1,579             | 7,232     | 11,254      |
| Cost .....                                | 3,731                      | -          | 3,731      | 1,886                             | 4,534                        | 414                | 1,706             | 8,540     | 12,271      |
| Average number of employees:              |                            |            |            |                                   |                              |                    |                   |           |             |
| Pilots and co-pilots .....                | 229                        | 644        | 873        | 50                                | 75                           | 27                 | 42                | 192       | 1,065       |
| Other flight personnel .....              | 266                        | 764        | 1,030      | 12                                | 32                           | 15                 | 20                | 79        | 1,109       |
| General management .....                  | 113                        | 68         | 181        | 8                                 | 58                           | 49                 | 21                | 136       | 317         |
| Maintenance labour .....                  | 531                        | 2,655      | 3,186      | 193                               | 191                          | 70                 | 98                | 549       | 3,735       |
| Aircraft and traffic servicing .....      | 880                        | 3,886      | 4,766      | 104                               | 107                          | 107                | 53                | 371       | 5,137       |
| Other personnel .....                     | 733                        | 3,892      | 4,625      | 46                                | 25                           | 8                  | 53                | 132       | 4,757       |
| Total employees .....                     | 2,752                      | 11,909     | 14,661     | 413                               | 488                          | 276                | 287               | 1,459     | 16,120      |
| Salaries and wages:                       |                            |            |            |                                   |                              |                    |                   |           |             |
| Pilots and co-pilots .....                | 286,687                    | 811,310    | 1,097,997  | 45,614                            | 63,902                       | 22,357             | 33,815            | 163,967   | 1,261,964   |
| Other flight personnel .....              | 96,479                     | 333,424    | 471,165    | 4,496                             | 10,748                       | 4,680              | 6,010             | 25,934    | 497,099     |
| General management .....                  | 122,214                    | 218,693    | 340,907    | 8,166                             | 26,777                       | 21,281             | 23,564            | 79,788    | 298,481     |
| Maintenance labour .....                  | 259,728                    | 1,570,684  | 1,830,412  | 87,114                            | 100,448                      | 36,053             | 45,490            | 267,275   | 2,097,687   |
| Aircraft and traffic servicing .....      | 381,867                    | 2,031,075  | 2,412,942  | 35,614                            | 63,996                       | 41,297             | 22,308            | 163,215   | 2,576,157   |
| Other personnel .....                     | 286,304                    | 2,196,852  | 2,483,156  | 15,513                            | 4,307                        | 5,699              | 8,785             | 34,304    | 2,517,460   |
| Total salaries and wages .....            | 1,448,806                  | 7,065,559  | 8,514,365  | 196,517                           | 270,178                      | 131,367            | 139,972           | 734,483   | 9,248,848   |

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Excludes Air Canada.

(3) Standard passenger weight used: 200 pounds.

(4) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(5) These data exclude non-transportation services, except for hours flown.

TABLE 5. Revenue Interline Traffic (1), Canadian Scheduled Carriers - All Services, by Company

March 1965

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|                                | Canadian<br>Pacific<br>Air Lines | Eastern<br>Provincial<br>Airways<br>(1963) | Pacific<br>Western<br>Airlines | Quebecair<br>Inc. | Transair<br>Ltd. | Air<br>Canada | Total      |
|--------------------------------|----------------------------------|--|--------------------------------|-------------------|------------------|---------------|------------|
| <b>Passengers carried:</b>     |                                  |  |                                |                   |                  |               |            |
| Originated .....               | 39,811                           | 5,004                                      | 15,277                         | 8,423             | 4,030            | 303,903       | 376,448    |
| Domestic interline .....       | 3,371                            | 1,238                                      | -                              | -                 | -                | -             | 62,514     |
| Foreign interline .....        | 3,892                            | -  | -                              | -                 | -                | 54,013        | 438,962    |
| Totals(2) .....                | 47,074                           | 6,242                                      | 15,277                         | 8,423             | 4,030            | 357,916       |            |
| <b>Express carried:</b>        |                                  |  |                                |                   |                  |               |            |
| Originated .....               | 90,802                           | 10,219                                     | 43,343                         | -                 | 14,739           | 1,027,533     | 1,186,636  |
| Domestic interline .....       | -                                | -  | -                              | -                 | -                | -             | -          |
| Foreign interline .....        | -                                | -  | -                              | -                 | -                | -             | -          |
| Totals(2) .....                | 90,802                           | 10,219                                     | 43,343                         | -                 | 14,739           | 1,027,533     | 1,186,636  |
| <b>Freight carried:</b>        |                                  |  |                                |                   |                  |               |            |
| Originated .....               | 698,706                          | 756,824                                    | 617,122                        | 163,656           | 78,213           | 7,300,919     | 9,615,440  |
| Domestic interline .....       | 19,852                           | -  | -                              | -                 | -                | -             | 19,852     |
| Foreign interline .....        | 21,448                           | -  | -                              | -                 | -                | -             | 21,448     |
| Totals(2) .....                | 740,006                          | 756,824                                    | 617,122                        | 163,656           | 78,213           | 7,300,919     | 9,656,740  |
| <b>Excess baggage carried:</b> |                                  |  |                                |                   |                  |               |            |
| Originated .....               | 58,458                           | 13,324                                     | 25,747                         | 20,947            | 3,786            | ..            | 122,262(3) |
| Domestic interline .....       | -                                | -  | -                              | -                 | -                | ..            | -          |
| Foreign interline .....        | -                                | -  | -                              | -                 | -                | ..            | -          |
| Totals(2) .....                | 58,458                           | 13,324                                     | 25,747                         | 20,947            | 3,786            | ..            | 122,262(3) |
| <b>Mail carried:</b>           |                                  |  |                                |                   |                  |               |            |
| Originated .....               | 260,221                          | 144,410                                    | 163,908                        | 36,888            | 28,838           | 3,442,070     | 4,076,335  |
| Domestic interline .....       | -                                | -  | -                              | -                 | -                | -             | -          |
| Foreign interline .....        | -                                | -  | -                              | -                 | -                | -             | -          |
| Totals(2) .....                | 260,221                          | 144,410                                    | 163,908                        | 36,888            | 28,838           | 3,442,070     | 4,076,335  |

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Board.

(2) Excludes division interline.

(3) Excludes Air Canada.



TABLE 6. Operating Statistics, Canadian International Carriers - All Revenue Services, by area of Service

March 1965

| Unit toll:   | Trans-<br>Border<br>Services | Trans-<br>Atlantic<br>and Polar<br>Services | Southern<br>Services | Pacific<br>and<br>Orient<br>Services | Total<br>International<br>Services | Domestic<br>Services | Grand<br>total |
|--|------------------------------|---|----------------------|--------------------------------------|------------------------------------|----------------------|----------------|
| Departures .....   | 1,719                        | 379   | 625                  | 124                                  | 2,847                              | 10,490               | 13,337         |
| Hours flown .....  | 2,403                        | 1,357                                       | 1,728                | 779                                  | 6,267                              | 11,825               | 18,092         |
| Miles scheduled .....                                    | 561,984                      | 637,627                                     | 719,241              | 359,390                              | 2,278,242                          | 3,131,249            | 5,409,491      |
| Miles flown:   |                              |   |                      |                                      |                                    |                      |                |
| Scheduled - Regular .....                                | 544,836                      | 632,586                                     | 709,175              | 347,708                              | 2,234,305                          | 3,095,370            | 5,329,675      |
| Extra sections .....                                     | 9,690                        | 8,346                                       | 35,614               | 5,334                                | 59,184                             | 76,238               | 135,422        |
| Non-scheduled .....                                      | -                            | -   | -                    | -                                    | -                                  | 46,563               | 46,563         |
| Totals .....   | 554,526                      | 640,932                                     | 744,789              | 353,242                              | 2,293,489                          | 3,218,171            | 5,511,660      |
| Ratio of regular miles flown to miles<br>scheduled ..... | 96.9                         | 99.2  | 98.6                 | 96.7                                 | 98.1                               | 98.9                 | 98.5           |
| Passengers carried .....                                 | ...                          | ...   | ...                  | ...                                  | 144,942                            | 260,391              | 405,333        |
| Cargo carried .....                                      | ...                          | ...   | ...                  | ...                                  | 3,969,169                          | 5,278,094            | 9,247,263      |
| Mail carried .....                                       | ...                          | ...   | ...                  | ...                                  | 429,475                            | 3,272,816            | 3,702,291      |
| Passenger-miles .....                                    | 28,960,547                   | 42,253,626                                  | 66,777,502           | 25,406,621                           | 163,398,296                        | 167,718,740          | 331,117,036    |
| Available seat-miles on scheduled services               | 45,768,507                   | 81,492,277                                  | 97,934,379           | 43,936,290                           | 269,131,453                        | 282,465,519          | 551,596,972    |
| Passenger load factor on scheduled services              | 63.2                         | 51.8  | 68.2                 | 57.8                                 | 60.7                               | 59.4                 | 60.0           |
| Goods ton-miles:   |                              |   |                      |                                      |                                    |                      |                |
| Express .....  | 59,415                       | -   | -                    | -                                    | 59,415                             | 385,487              | 444,902        |
| Freight .....  | 354,218                      | 1,471,005                                   | 440,437              | 405,598                              | 2,671,258                          | 2,973,699            | 5,644,957      |
| Excess baggage .....                                     | 22,053                       | 34,064                                      | 78,749               | 14,556                               | 149,422                            | 126,916              | 276,338        |
| Mail .....   | 44,354                       | 166,401                                     | 77,945               | 124,628                              | 413,328                            | 1,211,968            | 1,625,296      |
| Totals .....   | 480,040                      | 1,671,490                                   | 597,131              | 544,782                              | 3,293,443                          | 4,698,050            | 7,991,493      |
| Available ton-miles on scheduled service ....            | 6,441,178                    | 13,846,844                                  | 13,786,224           | 5,986,650                            | 40,060,896                         | 43,202,982           | 83,263,878     |
| Weight load factor on scheduled services(1)              | 52.4                         | 42.6  | 52.8                 | 51.5                                 | 49.0                               | 49.7                 | 49.4           |
| Bulk:  |                              |   |                      |                                      |                                    |                      |                |
| Departures .....   | 83                           | 189   | 24                   | 3                                    | 299                                | ...                  | ...            |
| Hours flown .....  | 117                          | 383   | 122                  | 29                                   | 651                                | ...                  | ...            |
| Miles flown .....  | 23,982                       | 86,676                                      | 30,278               | 9,461                                | 150,397                            | ...                  | ...            |
| Passengers carried .....                                 | 1,064                        | 2,167                                       | 621                  | 70                                   | 3,922                              | ...                  | ...            |
| Goods carried .....                                      | -                            | 78,518                                      | 6,253                | -                                    | 84,771                             | ...                  | ...            |
| Passenger-miles(2) .....                                 | 413,303                      | 5,688,816                                   | 1,122,434            | 331,660                              | 7,556,213                          | ...                  | ...            |
| Goods ton-miles(2) .....                                 | -                            | 5,221                                       | 23,299               | -                                    | 28,520                             | ...                  | ...            |
| Total:   |                              |   |                      |                                      |                                    |                      |                |
| Departures .....   | 1,802                        | 568   | 649                  | 127                                  | 3,146                              | ...                  | ...            |
| Hours flown .....  | 2,520                        | 1,740                                       | 1,850                | 808                                  | 6,918                              | ...                  | ...            |
| Miles flown .....  | 578,508                      | 727,608                                     | 775,067              | 362,703                              | 2,443,886                          | ...                  | ...            |
| Passengers carried .....                                 | ...                          | ...   | ...                  | ...                                  | 148,864                            | ...                  | ...            |
| Goods carried .....                                      | ...                          | ...   | ...                  | ...                                  | 4,483,415                          | ...                  | ...            |
| Passenger-miles(2) .....                                 | 29,373,850                   | 47,942,442                                  | 67,899,936           | 25,738,281                           | 170,954,509                        | ...                  | ...            |
| Goods ton-miles(2) .....                                 | 480,040                      | 1,676,711                                   | 620,430              | 544,782                              | 3,321,963                          | ...                  | ...            |

(1) Standard passenger weight used: 200 pounds.  
 (2) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.



TABLE 7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)

March 1965

|  |     | United States              |                 |           | Europe                    |                 |           |
|--|-----|----------------------------|-----------------|-----------|---------------------------|-----------------|-----------|
|  |     | To                         | From            | Total     | To                        | From            | Total     |
| Passengers carried:                          |     |                            |                 |           |                           |                 |           |
| Unit toll .....                              | No. | 80,939                     | 88,854          | 169,793   | 11,972                    | 15,850          | 27,822    |
| Bulk .....                                   | "   | 748                        | 416             | 1,164     | 468                       | 389             | 857       |
| Totals .....                                 | "   | 81,687                     | 89,270          | 170,957   | 12,440                    | 16,239          | 28,679    |
| Freight, express and excess baggage carried: |     |                            |                 |           |                           |                 |           |
| Unit toll .....                              | lb. | 628,273                    | 2,887,441       | 3,515,714 | 793,492                   | 2,031,169       | 2,824,661 |
| Bulk .....                                   | "   | -                          | -               | -         | -                         | -               | -         |
| Totals .....                                 | "   | 628,273                    | 2,887,441       | 3,515,714 | 793,492                   | 2,031,169       | 2,824,661 |
| Mail carried (unit toll) .....               | "   | 155,460                    | 276,404         | 431,864   | 135,947                   | 169,025         | 304,972   |
|  |     | All other areas            |                 |           | Totals                    |                 |           |
|  |     | To                         | From            | Total     | To                        | From            | Total     |
| Passengers carried:                          |     |                            |                 |           |                           |                 |           |
| Unit toll .....                              | No. | 11,476                     | 15,921          | 27,397    | 104,387                   | 120,625         | 225,012   |
| Bulk .....                                   | "   | 70                         | -               | 70        | 1,286                     | 805             | 2,091     |
| Totals .....                                 | "   | 11,546                     | 15,921          | 27,467    | 105,673                   | 121,430         | 227,103   |
| Freight, express and excess baggage carried: |     |                            |                 |           |                           |                 |           |
| Unit toll .....                              | lb. | 306,165                    | 137,405         | 443,570   | 1,727,930                 | 5,056,015       | 6,783,945 |
| Bulk .....                                   | "   | -                          | -               | -         | -                         | -               | -         |
| Totals .....                                 | "   | 306,165                    | 137,405         | 443,570   | 1,727,930                 | 5,056,015       | 6,783,945 |
| Mail carried (unit toll) .....               | "   | 37,472                     | 26,476          | 63,948    | 328,879                   | 471,905         | 800,784   |
|  |     | Total by Canadian carriers |                 |           | Total by Foreign carriers |                 |           |
|  |     | Leaving Canada             | Entering Canada | Total     | Leaving Canada            | Entering Canada | Total     |
| Passengers carried:                          |     |                            |                 |           |                           |                 |           |
| Unit toll .....                              | No. | 65,234                     | 76,022          | 141,256   | 39,153                    | 44,603          | 83,756    |
| Bulk .....                                   | "   | 975                        | 805             | 1,780     | 311                       | -               | 311       |
| Totals .....                                 | "   | 66,209                     | 76,827          | 143,036   | 39,464                    | 44,603          | 84,067    |
| Freight, express and excess baggage carried: |     |                            |                 |           |                           |                 |           |
| Unit toll .....                              | lb. | 1,142,291                  | 2,696,445       | 3,838,736 | 585,639                   | 2,359,570       | 2,945,209 |
| Bulk .....                                   | "   | -                          | -               | -         | -                         | -               | -         |
| Totals .....                                 | "   | 1,142,291                  | 2,696,445       | 3,838,736 | 585,639                   | 2,359,570       | 2,945,209 |
| Mail carried (unit toll) .....               | "   | 191,956                    | 207,812         | 399,768   | 136,923                   | 264,093         | 401,016   |

(1) Passengers and goods in transit through Canada are excluded.

TABLE 8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service

March 1965

| Type of service:                     | Fixed wing aircraft |                |               |                | Helicopters   |                |               |                |
|--------------------------------------|---------------------|----------------|---------------|----------------|---------------|----------------|---------------|----------------|
|                                      | Month               |                | Year to date  |                | Month         |                | Year to date  |                |
|                                      | Revenue hours       | Revenue earned | Revenue hours | Revenue earned | Revenue hours | Revenue earned | Revenue hours | Revenue earned |
|                                      | No.                 | \$             | No.           | \$             | No.           | \$             | No.           | \$             |
| Aerial advertising .....             | -                   | -              | -             | -              | 71            | 5,750          | 274           | 20,350         |
| Aerial fish cultivation .....        | -                   | -              | 23            | -              | -             | -              | -             | -              |
| Aerial patrol and inspection .....   | 856                 | 103,058        | 1,889         | 206,175        | 485           | 185,647        | 1,127         | 331,136        |
| Aerial pest control .....            | -                   | Dr. 623        | -             | Dr. 623        | -             | -              | -             | -              |
| Aerial photography and survey .....  | 486                 | 49,209         | 1,216         | 128,452        | 36            | 4,345          | 181           | 5,505          |
| Aerial photography (excl. survey) .. | 24                  | 614            | 72            | 1,988          | 44            | 1,904          | 104           | 5,002          |
| Aircraft rental .....                | 77                  | 1,288          | 170           | 2,776          | -             | -              | -             | -              |
| Flying training .....                | 4,434               | 75,206         | 9,678         | 162,362        | 144           | 8,728          | 271           | 16,334         |
| Geophysical survey .....             | 768                 | 64,973         | 1,571         | 159,440        | 99            | 8,001          | 167           | 11,238         |
| Non-transportation charter .....     | 2                   | 435            | 2             | 435            | -             | -              | -             | -              |
| Philanthropic .....                  | -                   | -              | -             | -              | -             | -              | -             | -              |
| Recreational flying .....            | 1,021               | 19,348         | 2,383         | 46,378         | -             | -              | 8             | 729            |
| Specialty flying - Other .....       | 3                   | 1,550          | 22            | 1,533          | 187           | 280            | 341           | 19,579         |
| Totals .....                         | 7,671               | 315,058        | 17,026        | 708,914        | 1,066         | 214,655        | 2,473         | 409,873        |

TABLE 9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV

March 1965

|                                       | Carriers operating helicopters only |              | Carriers operating both helicopters and fixed wing aircraft |              | Total   |              |
|---------------------------------------|-------------------------------------|--------------|---|--------------|---------|--------------|
|                                       | Month                               | Year to date | Month   | Year to date | Month   | Year to date |
| Carriers reporting .....              | No. 14                              | ...          | 10  | ...          | 24      | ...          |
| Helicopters - Owned .....             | " 133                               | 144          | 21  | 20           | 154     | 164          |
| Leased .....                          | " 11                                | 14           | 3   | 2            | 14      | 16           |
| Totals .....                          | " 144                               | 158          | 24  | 22           | 168     | 180          |
| Revenue hours flown - Unit toll ..... | " -                                 | -            | -   | -            | -       | -            |
| Bulk .....                            | " 2,779                             | 5,202        | 175   | 226          | 2,954   | 5,428        |
| Specialty .....                       | " 536                               | 1,497        | 530   | 976          | 1,066   | 2,473        |
| Totals .....                          | " 3,315                             | 6,699        | 705   | 1,202        | 4,020   | 7,901        |
| Non-revenue hours flown .....         | " 549                               | 1,078        | 40  | 49           | 589     | 1,127        |
| Fuel and oil consumed:                |                                     |              |   |              |         |              |
| Gasoline .....                        | gal. 74,361                         | 140,816      | 7,900   | 12,626       | 82,261  | 153,442      |
| Cost .....                            | \$ 35,693                           | 65,274       | 4,907   | 7,090        | 40,600  | 72,364       |
| Oil .....                             | gal. 1,521                          | 2,519        | 191   | 290          | 1,712   | 2,809        |
| Cost .....                            | \$ 2,597                            | 4,424        | 316   | 477          | 2,913   | 4,901        |
| Average number of employees:          |                                     |              |   |              |         |              |
| Pilots .....                          | No. 138                             | 139          | 13  | 10           | 151     | 149          |
| Administrative .....                  | " 54                                | 57           | 2   | 2            | 56      | 59           |
| Maintenance labour .....              | " 134                               | 138          | 6   | 5            | 140     | 143          |
| Other personnel .....                 | " 7                                 | 7            | -   | -            | 7       | 7            |
| Totals .....                          | " 333                               | 341          | 21  | 17           | 354     | 358          |
| Salaries and wages:                   |                                     |              |   |              |         |              |
| Pilots .....                          | \$ 89,965                           | 277,179      | 9,345   | 20,440       | 99,310  | 297,619      |
| Administrative .....                  | \$ 29,790                           | 102,340      | 1,300   | 3,000        | 31,090  | 105,340      |
| Maintenance labour .....              | \$ 72,059                           | 220,018      | 3,365   | 8,488        | 75,424  | 228,506      |
| Other personnel .....                 | \$ 1,577                            | 5,435        | -   | -            | 1,577   | 5,435        |
| Totals .....                          | \$ 193,391                          | 604,972      | 14,010  | 31,928       | 207,401 | 636,900      |

TABLE 10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV  
March 1965

|  | Current month | Year to date |
|--|---------------|--------------|
|  | dollars       |              |
| Operating revenues:                      |               |              |
| Unit toll transportation:                |               |              |
| Passengers .....                         | -             | -            |
| Express .....                            | -             | -            |
| Freight .....                            | -             | -            |
| Excess baggage .....                     | -             | -            |
| Mail .....                               | -             | -            |
| Total unit toll transportation .....     | -             | -            |
| Bulk transportation .....                | 327,604       | 627,490      |
| Total transportation .....               | 327,604       | 627,490      |
| Other flying services .....              | 50,350        | 141,937      |
| Total flying services .....              | 377,954       | 769,427      |
| Non-flying services .....                | 6,949         | 46,593       |
| Total operating revenues .....           | 384,903       | 816,020      |
| Operating expenses:                      |               |              |
| Flying operations .....                  | 151,825       | 464,492      |
| Maintenance .....                        | 179,217       | 428,348      |
| General service and administration ..... | 67,218        | 196,644      |
| Depreciation and amortization .....      | 53,048        | 146,558      |
| Total operating expenses .....           | 451,308       | 1,236,042    |
| Operating income (deficit) .....         | Dr. 66,405    | Dr. 420,022  |
| Non-operating income:                    |               |              |
| Capital gains and losses .....           | 36,050        | 38,270       |
| Interest and discounts .....             | 334           | 2,433        |
| Miscellaneous non-operating income ..... | 3,014         | 1,899        |
| Income before interest expense .....     | Dr. 27,007    | Dr. 377,420  |
| Interest expense .....                   | 6,310         | 37,956       |
| Income before income taxes .....         | Dr. 33,317    | Dr. 415,376  |
| Provision for income taxes .....         | 1,670         | 2,733        |
| Net income after income taxes .....      | Dr. 34,987    | Dr. 418,109  |

TABLE 11. Operating Statistics, Canadian Group V Carriers  
March 1965

|   | Quarter       | Year to date |
|---|---------------|--------------|
| Reporting carriers .....                | No. 269       |              |
| Transportation:                         |               |              |
| Hours flown .....                       | " 12,163      |              |
| Passengers carried .....                | " 21,936      |              |
| Goods carried .....                     | lb. 2,581,114 |              |
| Specialty flying services:              |               |              |
| Aerial advertising .....                | hr. -         |              |
| Aerial fish cultivation .....           | " -           |              |
| Aerial patrol and inspection .....      | " 715         |              |
| Aerial pest control .....               | " 200         |              |
| Aerial photography and survey .....     | " 12          |              |
| Aerial photography (excl. survey) ..... | " 17          |              |
| Aircraft rental .....                   | " 3,073       |              |
| Flying training .....                   | " 17,786      |              |
| Geophysical survey .....                | " -           |              |
| Non-transportation charter .....        | " 4           |              |
| Philanthropic .....                     | " -           |              |
| Recreational flying .....               | " 3,929       |              |
| Specialty flying - Other .....          | " 41          |              |
| Totals .....                            | " 25,777      |              |
| Total - All services:                   |               |              |
| Revenue hours flown .....               | No. 37,940    |              |
| Non-revenue hours flown .....           | " 2,012       |              |

CIVIL AVIATION DEFINITIONS(1)

Bulk Transportation:

- (1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4); and
- (2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).

Classification of Canadian  
Carriers by Groups

Group I Carriers:

Canadian Air Carriers licensed to perform both domestic and international scheduled services. (Trans-Canada Air Lines and Canadian Pacific Air Lines Ltd.).

Group II Carriers:

Canadian Air Carriers other than Group I carriers licensed to perform domestic scheduled services and Nordair Ltd.(2).

Group III Carriers:

Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$500,000 or over (excepting air carriers included in Group I and II).

Group IV Carriers:

Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$100,000 and over, but less than \$500,000.

Group V Carriers:

Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of less than \$100,000.

Cargo:

Air freight and air express (excluding mail and excess baggage).

Carrier, Air:

Any person who operates aircraft in or over Canada for hire or reward.

Non-Scheduled Carriers:

Carriers not operating any scheduled (Class I) service.

Scheduled Carriers:

Air Carriers serving designated points in accordance with a service schedule and at a toll per unit.

- (1) Reference to Classes refers to the classification of air carriers as defined by the Air Transport Board and published in the "Directory of Canadian Commercial Air Services" Queen's Printer, Ottawa.
- (2) For statistical purposes in this report, Nordair Ltd. is included with Group III carriers.

Freedoms of the Air:

- First Freedom: The privilege to fly over the territory of a foreign country without landing.
- Second Freedom: The privilege to land on the territory of a foreign country for non-traffic purposes.
- Third Freedom: The privilege to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
- Fourth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
- Fifth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the privilege to put down in a foreign country, passengers, mail and cargo coming from any such territory.

Goods: Air Cargo (freight and express) plus mail and excess baggage.

Interline Traffic:

- Domestic Interline: Passengers and goods received by a carrier at Canadian points from other Canadian Air Carriers.
- Foreign Interline: Passengers and goods received by a carrier from Foreign Air Carriers.
- Divisional Interline: Passengers and goods received from other operating divisions of the same carrier.

International Services:

- Trans-Border Services: Services between Canada and the United States.
- Southern Services: Services between Canada and Bermuda, the Caribbean, Mexico, Central or South America.
- Trans-Atlantic and Polar Services: Services between Canada and Europe.
- Pacific and Orient Services: Services between Canada and points in the Pacific Ocean or the Orient.

Load Capacity Available: Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, stewards' supplies, etc.



|                                   |  |
|-----------------------------------|--|
| <u>Load Factor, Passenger:</u>    | Ratio of revenue passenger-miles performed to available seat-miles.  |
| <u>Load Factor, Weight:</u>       | - See Weight, Load-Factor.   |
| <u>Miles:</u>                     | Statute miles of 5,280 ft.   |
| <u>Passenger:</u>                 | A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger. A round trip passenger is counted as two passengers.   |
| Passenger Load-Factor:            | - See Load Factor, Passenger.  |
| Passenger-Mile:                   | The transportation of one passenger one mile.  |
| Non-Revenue Passenger:            | A child or adult carried on a revenue transportation flight for whom no fare is collected, including company personnel.  |
| Revenue Passenger:                | A child or adult for which a fare or part of a fare is paid.   |
| <u>Seat-Miles Available:</u>      | Seats available for the transportation of passengers multiplied by the miles flown on each inter-station flight.   |
| <u>Specialty Flying Services:</u> | Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising.   |
| <u>Tons:</u>                      | Short tons of 2,000 lbs.   |
| <u>Ton-Mile:</u>                  | The transportation of one ton of goods one mile.   |
| <u>Ton-Miles Available:</u>       | Available load capacity multiplied by miles flown on each inter-station flight.  |
| <u>Unit Toll Transportation:</u>  | Public transportation of passengers and goods at a toll per unit. It includes: <ul style="list-style-type: none"><li>(i) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class I); and</li><li>(ii) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3).</li></ul> |
| <u>Weight Load Factor:</u>        | Ratio of revenue ton-miles performed to available ton-miles.   |







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## CIVIL AVIATION

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## SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures are not available.
- ... Figures not appropriate or not applicable.
- Nil or zero.

## INTRODUCTION

"Civil Aviation" reports are prepared from monthly and quarterly schedules filed with the Air Transport Board and the Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly returns filed with the Dominion Bureau of Statistics by foreign air carriers operating in Canada.

For reporting purposes, Canadian air carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. These groups are described on page twenty of this publication along with other definitions. It should be noted that the definition of each of the five groups was revised as of 1st January 1964. In January 1965, 3 former Group IV carriers were promoted to Group III, 1 Group III carrier was transferred to Group IV and 7 Group V carriers were transferred to Group IV. It should also be noted that Nordair Ltd., classified as a Group II carrier by the Air Transport Board, is included with Group III carriers for statistical purposes. Group V is comprised of small air carriers required to file returns on a quarterly basis only. Data on their operations are excluded from the other carrier statistics appearing throughout the report.

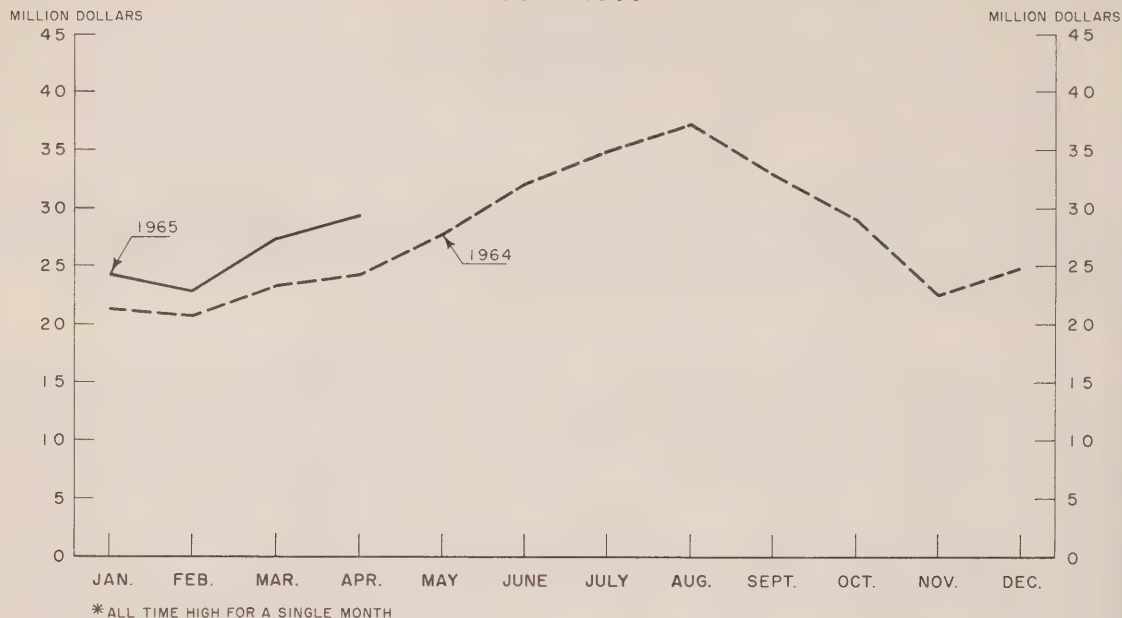
Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. A complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

Domestic and international operations of Canadian carriers are combined in all tables except Table 6 which provides a breakdown of domestic and international operations for Canadian carriers operating international unit toll and bulk services.

Table 7 provides data on traffic leaving and entering Canada on an area of service basis. Passengers, cargo and mail in transit through Canada are excluded. The table contains the operations of both Canadian and Foreign carriers with separate totals for each.

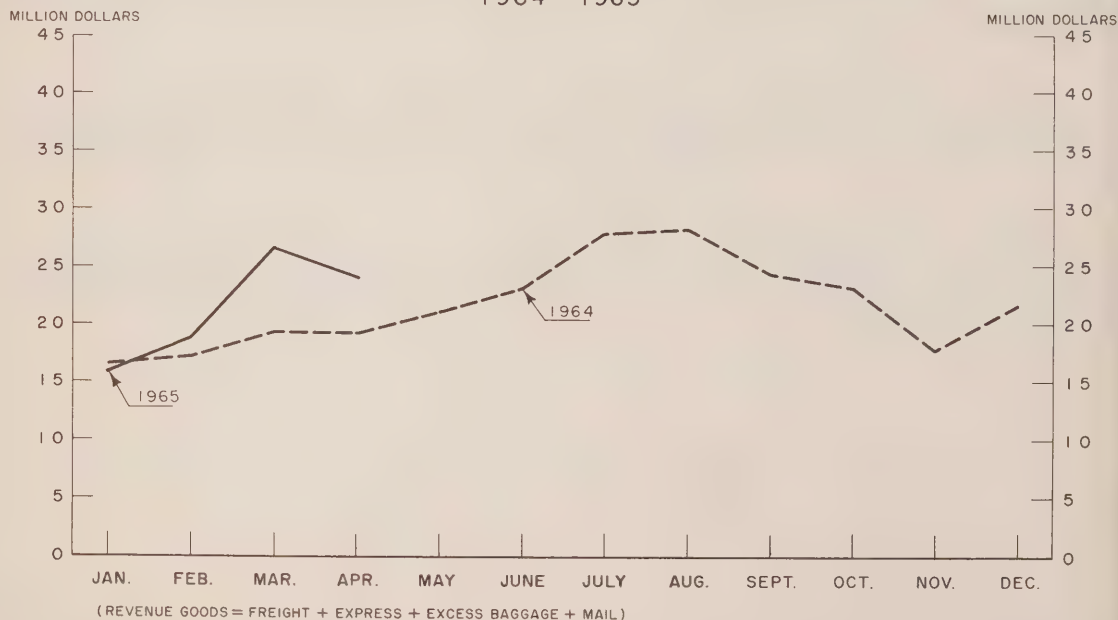
## OPERATING REVENUE OF CANADIAN AIR CARRIERS

1964 - 1965



## REVENUE GOODS CARRIED BY CANADIAN AIR CARRIERS

1964 - 1965



## REVIEW OF APRIL OPERATIONS

Increases were reported in the transportation of both revenue passengers and revenue goods by Canadian air carriers during the month of April compared with April 1964. The number of passengers carried totalled 521,019 an increase of 21.4 per cent. The weight of goods transported rose to 12,050 tons, an increase of 19.9 per cent. Revenue miles flown increased 12.8 per cent to 8,508,630.

Unit toll and bulk transportation services performed by Canadian carriers accounted for a total of 391,466,234 passenger-miles and 11,861,641 goods ton-miles. Unit toll services made up 95.7 per cent of the total passenger-miles and 72.9 per cent of the total goods ton-miles.

April operating revenues showed a 21.1 per cent increase over April 1964 to \$29,318,320 while operating expenses rose 16.8 per cent to \$28,344,502 resulting in an operating income of \$973,818. In April 1964 a loss of \$50,154 was incurred. A net income of \$34,843 after provision for income taxes was reported for April 1965 as compared to a deficit of \$788,265 for the same month in 1964.

Sixteen carriers who operated helicopters exclusively reported a total of 4,816 hours flown by 178 machines. Seven carriers operating both fixed-wing craft and helicopters reported a total of 324 hours flown by 12 machines. Operating revenues reported by helicopter-only carriers for the month of April amounted to \$583,629 while operating expenses amounted to \$686,461.

During April the six scheduled carriers transported 483,761 revenue passengers and 9,033 tons of revenue goods which amounted to 92.8 per cent of the total number of passengers and 74.9 per cent of the total weight of revenue goods carried by all Canadian carriers. Operating revenues of scheduled carriers amounted to \$26,710,437 or 91.1 per cent of all Canadian carrier revenues. Operating expenses of scheduled carriers amounted to \$25,632,080 or 90.4 per cent of all Canadian air carrier expenses. April 1964 figures for the proportion of operations attributable to scheduled carriers as a percentage of totals for all Canadian carriers are as follows: Passengers carried 93.2 per cent, tons of goods carried 74.3 per cent, operating revenues 91.7 per cent and operating expenses 91.7 per cent.

Revenue passenger-miles performed by Canadian carriers in international unit toll service in April amounted to 177,343,222 or 48.9 per cent of the total unit toll passenger-miles performed by Canadian carriers. International services performed by Canadian carriers calculated according to passenger-miles travelled were divided by area as follows:

| <u>Area</u>                    | <u>Percentage</u> |
|--------------------------------|-------------------|
| Trans-Border .....             | 19.4              |
| Trans-Atlantic and Polar ..... | 34.9              |
| Southern .....                 | 30.8              |
| Pacific and Orient .....       | <u>14.9</u>       |
| Total .....                    | 100.0             |

### Foreign Carriers

Foreign carriers licensed to operate in Canada transported 96,328 revenue passengers during April, an increase of 26.3 per cent over April 1964. Weight of revenue goods carried totalled 1,267 tons, an increase of 15.8 per cent over the same period in 1964. Foreign carriers report hours and miles flown over Canadian territory only. Statistics concerning passengers and goods in transit have been excluded.

### Cumulative Figures for the Year to Date (Canadian Carriers)

Compared with the same period in 1964 the first four months of 1965 showed an increase of 44.8 per cent to 2,199,759 in the number of revenue passengers carried while the weight of revenue goods carried rose 99.9 per cent to 49,317 tons. Passenger-miles performed by Canadian carriers totalled 1,214,227,892 while goods ton-miles totalled 39,124,811 for the first four months of the year. Operating revenues increased 16.2 per cent to \$103,955,157 while operating expenses increased 11.8 per cent to \$106,672,995.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

April 1965

|                                      | Canadian carriers  |               |                        |           |             |                        | Total Canadian carriers | Foreign carriers (2)       |               |               | Grand total all carriers | Year to date |
|--------------------------------------|--------------------|---------------|------------------------|-----------|-------------|------------------------|-------------------------|----------------------------|---------------|---------------|--------------------------|--------------|
|                                      | Scheduled carriers |               | Non-scheduled carriers |           |             | United States carriers |                         | Other Foreign carriers (3) |               |               |                          |              |
|                                      | Group I and II (1) | Group III (1) |                        | Group IV  | Total       |                        |                         |                            |               |               |                          |              |
|                                      |                    |               |                        |           |             |                        |                         |                            |               |               |                          |              |
| Number of carriers reporting ...     | 6                  | 17            | 53                     | 70        | 76          | 10                     | 9                       | 95                         | ..            |               |                          |              |
| Revenue transportation services:     |                    |               |                        |           |             |                        |                         |                            |               |               |                          |              |
| Unit toll:                           |                    |               |                        |           |             |                        |                         |                            |               |               |                          |              |
| Departures .....                     | 18,294             | 2,406         | 667                    | 3,073     | 21,367      | ..                     | ..                      | ..                         | ..            | ..            |                          |              |
| Hours flown .....                    | 23,388             | 2,756         | 382                    | 3,138     | 26,526      | 330                    | 1,165                   | 28,021                     | 103,125       | 103,125       |                          |              |
| Miles scheduled .....                | 5,875,504          | ...           | ...                    | ...       | 5,875,504   | 84,833                 | 448,669                 | 6,409,006                  | 24,357,062    | 24,357,062    |                          |              |
| Miles flown: (4)                     |                    |               |                        |           |             |                        |                         |                            |               |               |                          |              |
| Scheduled .....                      | 6,060,050          | ...           | ...                    | ...       | 6,060,050   | 83,636                 | 460,852                 | 6,604,538                  | 24,643,238    | 24,643,238    |                          |              |
| Non-scheduled .....                  | 348,435            | 323,218       | 44,779                 | 367,997   | 716,432     | -                      | -                       | 716,432                    | 2,488,407     | 2,488,407     |                          |              |
| Totals .....                         | 6,408,485          | 323,218       | 44,779                 | 367,997   | 6,776,482   | 83,636                 | 460,852                 | 7,320,970                  | 27,131,645    | 27,131,645    |                          |              |
| Passengers carried .....             | 473,436            | 10,067        | 3,109                  | 13,176    | 486,612     | 67,417                 | 27,387                  | 581,416                    | 2,083,159     | 2,083,159     |                          |              |
| Goods carried:                       |                    |               |                        |           |             |                        |                         |                            |               |               |                          |              |
| Cargo .....                          | 10,777,826         | 490,608       | 58,517                 | 549,125   | 11,326,951  | 958,884                | 1,575,170               | 14,019,785                 | 52,103,586    | 52,103,586    |                          |              |
| Excess baggage .....                 | 119,656 (5)        | 28,613        | 10,511                 | 39,124    | 158,780     | 177,948                | 212,603                 | 4,788,965                  | 17,994,380    | 17,994,380    |                          |              |
| Mail .....                           | 4,227,982          | 153,285       | 17,147                 | 170,432   | 4,398,414   | 1,136,832              | 1,787,773               | 18,808,750                 | 70,097,966    | 70,097,966    |                          |              |
| Totals .....                         | 15,125,464         | 672,506       | 86,175                 | 758,681   | 15,884,145  | 2,766,733              | 22,472,013              | 399,821,216                | 1,404,974,952 | 1,404,974,952 |                          |              |
| Passenger-miles .....                | 372,697,439        | 1,682,083     | 202,948                | 1,885,031 | 374,582,470 | 20,948                 | 693,896                 | 7,543,345                  | 27,984,044    | 27,984,044    |                          |              |
| Goods ton-miles:                     |                    |               |                        |           |             |                        |                         |                            |               |               |                          |              |
| Cargo .....                          | 6,438,474          | 132,477       | 2,511                  | 134,988   | 6,573,462   | 20,948                 | 693,896                 | 7,543,345                  | 27,984,044    | 27,984,044    |                          |              |
| Excess baggage .....                 | 251,313            | 3,369         | 357                    | 3,726     | 255,039     | 3,547                  | 108,391                 | 1,928,805                  | 7,098,902     | 7,098,902     |                          |              |
| Mail .....                           | 1,772,963          | 43,124        | 780                    | 43,904    | 1,816,867   | 24,495                 | 802,287                 | 9,472,150                  | 35,082,946    | 35,082,946    |                          |              |
| Totals .....                         | 8,462,750          | 178,970       | 3,648                  | 182,618   | 8,645,368   | 24,495                 | 802,287                 | 9,472,150                  | 35,082,946    | 35,082,946    |                          |              |
| Bulk:                                |                    |               |                        |           |             |                        |                         |                            |               |               |                          |              |
| Departures .....                     | 2,574              | 4,263         | 9,369                  | 13,632    | 16,206      | ..                     | ..                      | ..                         | ..            | ..            |                          |              |
| Hours flown .....                    | 2,945              | 6,515         | 8,272                  | 14,787    | 17,732      | 14                     | 13,010                  | 17,781                     | 56,953        | 56,953        |                          |              |
| Miles flown .....                    | 441,185            | 555,500       | 735,463                | 1,290,963 | 1,732,148   | 2,139                  | 1,306                   | 1,747,297                  | 5,975,039     | 5,975,039     |                          |              |
| Passengers carried .....             | 10,325             | 9,584         | 14,498                 | 24,082    | 34,407      | 218                    | 1,306                   | 35,931                     | 114,560       | 114,560       |                          |              |
| Freight carried .....                | 2,939,953          | 3,723,623     | 1,553,144              | 5,276,767 | 8,216,720   | -                      | -                       | 8,216,720                  | 28,535,784    | 28,535,784    |                          |              |
| Passenger-miles (6) .....            | 10,917,136         | 5,886,228     | 80,400                 | 5,966,628 | 16,883,764  | ..                     | ..                      | ..                         | ..            | ..            |                          |              |
| Goods ton-miles (6) .....            | 470,305            | 2,745,868     | -                      | 2,745,868 | 3,216,173   | ..                     | ..                      | ..                         | ..            | ..            |                          |              |
| Revenue non-transportation services: |                    |               |                        |           |             |                        |                         |                            |               |               |                          |              |
| Specialty flying - Hours flown "     | 197                | 2,398         | 4,375                  | 6,773     | 6,970       | -                      | -                       | 6,970                      | 27,342        | 27,342        |                          |              |

See footnotes at end of table.

April 1965

|                                    | Canadian carriers  |              |                        |           |             | Foreign carriers(2)     |                        | Grand total all carriers | Year to date  |                           |
|------------------------------------|--------------------|--------------|------------------------|-----------|-------------|-------------------------|------------------------|--------------------------|---------------|---------------------------|
|                                    | Scheduled carriers |              | Non-scheduled carriers |           |             | Total Canadian carriers | United States carriers |                          |               | Other Foreign carriers(3) |
|                                    | Groups I and II(1) | Group III(1) | Group IV               | Total     |             |                         |                        |                          |               |                           |
| Total - All services:              |                    |              |                        |           |             |                         |                        |                          |               |                           |
| Revenue:                           |                    |              |                        |           |             |                         |                        |                          |               |                           |
| Traffic, miles and hours:(7)       |                    |              |                        |           |             |                         |                        |                          |               |                           |
| Departures .....                   | 20,868             | 6,669        | 10,036                 | 16,705    | 37,573      | ..                      | 344                    | ..                       | 52,772        | 187,420                   |
| Hours flown .....                  | 26,530             | 11,669       | 13,029                 | 24,698    | 51,228      | 85,775                  | 85,775                 | 9,068,267                | 33,106,684    | 33,106,684                |
| Miles flown .....                  | 6,849,670          | 878,718      | 780,242                | 1,658,960 | 8,508,630   | 521,019                 | 67,635                 | 28,693                   | 617,347       | 2,199,759                 |
| Passengers carried .....           | 483,761            | 19,651       | 17,607                 | 37,258    | 521,019     | 19,543,671              | 958,884(8)             | 1,575,170(8)             | 22,236,505(8) | 80,639,370(8)             |
| Cargo carried .....                | 13,717,779         | 4,214,231    | 1,611,661              | 5,825,892 | 24,100,865  | 24,100,865              | 1,136,832              | 1,787,773                | 27,025,470    | 98,633,750                |
| Goods carried .....                | 18,085,417         | 4,396,129    | 1,639,319              | 6,035,448 | 24,100,865  | 391,466,234             | ..                     | ..                       | ..            | ..                        |
| Passenger-miles(6) .....           | 383,614,575        | 7,568,311    | 283,348                | 7,851,659 | 391,466,234 | 11,861,641              | ..                     | ..                       | ..            | ..                        |
| Goods ton-miles(6) .....           | 8,933,155          | 2,924,838    | 3,648                  | 2,928,486 | 11,861,641  | ..                      | ..                     | ..                       | ..            | ..                        |
| Non-revenue:                       |                    |              |                        |           |             |                         |                        |                          |               |                           |
| Hours flown .....                  | 1,036              | 961          | 609                    | 1,570     | 2,606       | 1                       | 995                    | 660                      | 2,607         | 8,176                     |
| Passengers carried .....           | 2,050(5)           | 84           | 12                     | 96        | 2,146       | ..                      | ..                     | ..                       | ..            | 15,308                    |
| Goods carried .....                | 181,387(5)         | 31,100       | -                      | 31,100    | 212,487     | 15,392                  | 15,392                 | 283,070                  | 1,227,952     | 1,227,952                 |
| Passenger-miles .....              | 21,006,872         | 104,442      | -                      | 104,442   | 21,111,314  | 43,617                  | 43,617                 | 21,628,667               | 65,546,773    | 65,546,773                |
| Goods ton-miles .....              | 730,387            | 20,794       | -                      | 20,794    | 751,181     | 415                     | 415                    | 19,804                   | 771,400       | 2,555,227                 |
| Fuel and oil consumed:             |                    |              |                        |           |             |                         |                        |                          |               |                           |
| Turbo fuel - Quantity .....        | 16,926,860         | -            | 7,509                  | 7,509     | 16,934,369  | 86,856                  | 86,856                 | 2,982,610                | 20,003,835    | 73,511,570                |
| Cost .....                         | 2,314,512          | -            | 2,249                  | 2,249     | 2,316,761   | 16,848                  | 16,848                 | 445,344                  | 2,778,953     | 10,350,449                |
| Gasoline - Quantity .....          | 1,049,221          | 580,757      | 198,256                | 779,013   | 1,828,234   | 58,946                  | 58,946                 | 41,272                   | 1,928,452     | 6,672,364                 |
| Cost .....                         | 346,219            | 240,196      | 89,006                 | 329,202   | 675,421     | 10,349                  | 10,349                 | 2,053                    | 687,823       | 2,331,872                 |
| Turbo oil - Quantity .....         | 4,169              | 1            | 1                      | 1         | 4,170       | 62                      | 62                     | 68                       | 4,300         | 14,945                    |
| Cost .....                         | 39,437             | -            | 12                     | 12        | 39,449      | 287                     | 287                    | 453                      | 40,189        | 143,446                   |
| Other oil - Quantity .....         | 11,311             | 7,206        | 4,265                  | 11,471    | 22,782      | 7                       | 7                      | -                        | 22,789        | 80,155                    |
| Cost .....                         | 12,988             | 10,005       | 7,173                  | 17,178    | 30,166      | 128                     | 128                    | -                        | 30,294        | 97,743                    |
| Average number of employees:       |                    |              |                        |           |             |                         |                        |                          |               |                           |
| Pilots and co-pilots .....         | 1,085              | 331          | 259                    | 590       | 1,675       | ..                      | ..                     | ..                       | ..            | ..                        |
| Other flight personnel .....       | 1,180              | 20           | 23                     | 43        | 1,223       | ..                      | ..                     | ..                       | ..            | ..                        |
| General management .....           | 316                | 86           | 86                     | 178       | 494         | ..                      | ..                     | ..                       | ..            | ..                        |
| Maintenance labour .....           | 3,685              | 372          | 250                    | 622       | 4,307       | ..                      | ..                     | ..                       | ..            | ..                        |
| Aircraft & traffic servicing ..... | 5,255              | 127          | 49                     | 176       | 5,431       | ..                      | ..                     | ..                       | ..            | ..                        |
| Other personnel .....              | 4,740              | 211          | 108                    | 319       | 5,059       | ..                      | ..                     | ..                       | ..            | ..                        |
| Totals .....                       | 16,261             | 1,153        | 775                    | 1,928     | 18,189      | 267                     | 267                    | 665                      | 19,121        | 18,851                    |
| Salaries and wages paid:           |                    |              |                        |           |             |                         |                        |                          |               |                           |
| Pilots and co-pilots .....         | 1,292,157          | 246,820      | 157,156                | 403,976   | 1,696,133   | ..                      | ..                     | ..                       | ..            | ..                        |
| Other flight personnel .....       | 522,016            | 11,860       | 6,783                  | 18,643    | 550,659     | ..                      | ..                     | ..                       | ..            | ..                        |
| General management .....           | 295,683            | 51,613       | 51,613                 | 117,857   | 413,540     | ..                      | ..                     | ..                       | ..            | ..                        |
| Maintenance labour .....           | 2,016,896          | 183,960      | 103,788                | 287,748   | 2,304,644   | ..                      | ..                     | ..                       | ..            | ..                        |
| Aircraft & traffic servicing ..... | 2,548,338          | 50,871       | 13,825                 | 64,696    | 2,613,034   | ..                      | ..                     | ..                       | ..            | ..                        |
| Other personnel .....              | 2,446,789          | 81,346       | 32,270                 | 113,616   | 2,560,405   | ..                      | ..                     | ..                       | ..            | ..                        |
| Totals .....                       | 9,131,879          | 641,101      | 365,435                | 1,006,536 | 10,138,415  | 156,156                 | 156,156                | 346,477                  | 10,641,048    | 41,909,201                |

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

(2) See "Foreign Carriers", page 7, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Air Canada.

(6) Excludes chartered aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(7) These data exclude non-transportation services, except for hours flown.

(8) Includes excess baggage.

(9) Data in Tables 4, 5, 6, 7, 8 and 9 included in this table.



TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group  
April 1965

|                                       | Scheduled carriers |             |            | Non-scheduled carriers |          |           | Grand total | Year to date |
|---------------------------------------|--------------------|-------------|------------|------------------------|----------|-----------|-------------|--------------|
|                                       | Group I            | Group II(1) | Total      | Group III(1)           | Group IV | Total     |             |              |
|                                       |                    |             |            |                        |          |           | dollars     |              |
| Operating revenues:                   |                    |             |            |                        |          |           |             |              |
| Unit toll transportation:             |                    |             |            |                        |          |           |             |              |
| Passengers .....                      | 21,103,345         | 928,098     | 22,031,443 | 225,460                | 34,331   | 259,791   | 22,291,234  | 79,059,973   |
| Express .....                         | 386,173            | 18,969      | 7,915      | 9,566                  | 1,651    | 9,566     | 414,708     | 1,601,045    |
| Freight .....                         | 1,391,263          | 219,891     | 1,611,154  | 82,064                 | 2,341    | 84,405    | 1,695,559   | 6,348,958    |
| Excess baggage .....                  | 156,698            | 14,483      | 171,181    | 4,131                  | 912      | 5,043     | 176,224     | 6,566,935    |
| Mail .....                            | 1,396,803          | 162,239     | 1,559,042  | 62,186                 | 3,281    | 65,467    | 1,624,509   | 6,141,165    |
| Total unit toll transportation ..     | 24,434,282         | 1,343,680   | 25,777,962 | 381,756                | 42,516   | 424,272   | 26,202,234  | 93,718,116   |
| Bulk transportation .....             | 293,829            | 503,740     | 797,569    | 1,076,099              | 697,837  | 1,773,936 | 2,571,505   | 7,618,073    |
| Total transportation .....            | 24,728,111         | 1,847,420   | 26,575,531 | 1,457,855              | 740,353  | 2,198,208 | 28,773,739  | 101,336,189  |
| Other flying services .....           | 7,946              | 26,611      | 34,557     | 153,030                | 135,180  | 288,210   | 322,767     | 1,252,800    |
| Total flying services .....           | 24,736,057         | 1,874,031   | 26,610,088 | 1,610,885              | 875,533  | 2,486,418 | 29,096,506  | 102,588,989  |
| Non-flying services .....             | 77,170             | 23,179      | 100,349    | 39,790                 | 81,675   | 121,465   | 221,814     | 1,366,168    |
| Total operating revenues .....        | 24,813,227         | 1,897,210   | 26,710,437 | 1,650,675              | 957,208  | 2,607,883 | 29,318,320  | 103,955,157  |
| Operating expenses:                   |                    |             |            |                        |          |           |             |              |
| Flying operations .....               | 5,494,733          | 665,183     | 6,159,916  | 758,308                | 345,728  | 1,104,036 | 7,263,952   | 27,231,187   |
| Maintenance .....                     | 4,874,231          | 568,424     | 5,442,655  | 559,812                | 258,817  | 818,629   | 6,261,284   | 24,016,340   |
| General services and administration:  |                    |             |            |                        |          |           |             |              |
| Passenger service .....               | 1,979,001          | 59,484      | 2,038,485  | ..                     | ..       | ..        | ..          | ..           |
| Aircraft and traffic servicing ..     | 3,334,198          | 282,894     | 3,617,092  | ..                     | ..       | ..        | ..          | ..           |
| Promotion and sales .....             | 3,896,417          | 133,302     | 4,029,719  | ..                     | ..       | ..        | ..          | ..           |
| General administration .....          | 955,424            | 117,277     | 1,072,701  | ..                     | ..       | ..        | ..          | ..           |
| Totals .....                          | 10,165,040         | 592,957     | 10,757,997 | 325,227                | 181,176  | 506,403   | 11,264,400  | 43,404,589   |
| Depreciation and amortization .....   | 3,157,771          | 113,741     | 3,271,512  | 194,481                | 88,873   | 283,354   | 3,554,866   | 12,020,879   |
| Total operating expenses .....        | 23,691,775         | 1,940,305   | 25,632,080 | 1,837,828              | 874,594  | 2,712,422 | 28,344,502  | 106,672,995  |
| Operating income (loss) .....         | 1,121,452          | 43,095      | 1,078,357  | 187,153                | 82,614   | 104,539   | 973,818     | 2,717,838    |
| Non-operating income - Net:           |                    |             |            |                        |          |           |             |              |
| Capital gains and losses .....        | 12,280             | 77          | 12,357     | 34,075                 | 1,742    | 35,817    | 48,174      | 272,742      |
| Interest and discounts .....          | 194,082            | 840         | 194,922    | 5,491                  | 256      | 5,747     | 200,669     | 795,909      |
| Miscellaneous non-operating income .. | Dr.                | 13,270      | Dr.        | 11,376                 | 7,394    | 18,770    | Dr.         | 87,288       |
| Income before interest expense .....  | 1,203,427          | 55,448      | 1,147,979  | 136,211                | 92,006   | 44,205    | 1,103,774   | 1,736,475    |
| Interest expense .....                | 927,176            | 54,465      | 981,641    | 40,485                 | 23,814   | 64,299    | 1,045,940   | 4,205,563    |
| Income before income taxes .....      | 276,251            | 109,913     | 166,338    | 176,696                | 68,192   | 108,504   | 57,834      | 5,942,038    |
| Provision for income taxes .....      | -                  | -           | -          | 13,113                 | 9,878    | 22,991    | 22,991      | 104,155      |
| Net income after income taxes .....   | 276,251            | 109,913     | 166,338    | 189,809                | 58,314   | 131,495   | 34,843      | 6,046,193    |

(1) Group II non-scheduled carriers included with Group III for purposes of this report.  
Note: Data in Table 3, 8 and 10 included in this table.

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|                                       | Canadian<br>Pacific<br>Air Lines | Eastern<br>Provincial<br>Airways<br>(1963) | Pacific<br>Western<br>Airlines | Quebecair<br>Inc. | Transair<br>Ltd. | Air<br>Canada | Total      | Year<br>to<br>date |
|---------------------------------------|----------------------------------|--|--------------------------------|-------------------|------------------|---------------|------------|--------------------|
| dollars                               |                                  |  |                                |                   |                  |               |            |                    |
| Operating revenues:                   |                                  |  |                                |                   |                  |               |            |                    |
| Unit toll transportation:             |                                  |  |                                |                   |                  |               |            |                    |
| Passengers .....                      | 4,694,378                        | 141,583                                    | 397,413                        | 246,266           | 142,836          | 16,408,967    | 22,031,443 | 78,242,468         |
| Express .....                         | 17,760                           | 3,471                                      | 12,694                         | -                 | 2,804            | 368,413       | 405,142    | 1,557,251          |
| Freight .....                         | 316,144                          | 77,382                                     | 83,490                         | 37,208            | 21,811           | 1,075,119     | 1,611,154  | 6,041,723          |
| Excess baggage .....                  | 41,757                           | 2,437                                      | 7,671                          | 3,525             | 850              | 114,941       | 171,181    | 552,176            |
| Mail .....                            | 314,351                          | 80,316                                     | 47,983                         | 7,433             | 26,507           | 1,082,452     | 1,559,042  | 5,855,448          |
| Total unit toll transportation ..     | 5,384,390                        | 305,189                                    | 549,251                        | 294,432           | 194,808          | 19,049,892    | 25,777,962 | 92,249,066         |
| Bulk transportation .....             | 107,443                          | 107,993                                    | 257,962                        | 14,170            | 123,615          | -             | 797,569    | 2,449,239          |
| Total transportation .....            | 5,491,833                        | 413,182                                    | 807,213                        | 308,602           | 318,423          | 19,236,278    | 26,575,531 | 94,698,305         |
| Other flying services .....           | -                                | 26,611                                     | -                              | -                 | -                | 7,946         | 34,557     | 91,871             |
| Total flying services .....           | 5,491,833                        | 439,793                                    | 807,213                        | 308,602           | 318,423          | 19,244,224    | 26,610,088 | 94,790,176         |
| Non-flying services .....             | 85,153                           | 7,329                                      | 1,018                          | 6,806             | 8,026            | 7,983         | 100,349    | 1,036,994          |
| Total operating revenues .....        | 5,576,986                        | 447,122                                    | 808,231                        | 315,408           | 326,449          | 19,236,241    | 26,710,437 | 95,827,170         |
| Operating expenses:                   |                                  |  |                                |                   |                  |               |            |                    |
| Flying operations .....               | 1,623,200                        | 158,207                                    | 310,985                        | 79,356            | 116,635          | 3,871,533     | 6,159,916  | 23,504,380         |
| Maintenance .....                     | 816,259                          | 163,922                                    | 172,260                        | 98,743            | 133,499          | 4,057,972     | 5,442,655  | 21,001,313         |
| General services and administrations: |                                  |  |                                |                   |                  |               |            |                    |
| Passenger service .....               | 424,963                          | 9,763                                      | 22,274                         | 11,257            | 16,190           | 1,554,038     | 2,038,485  | 7,632,980          |
| Aircraft and traffic servicing ....   | 560,677                          | 92,920                                     | 141,515                        | 30,566            | 17,893           | 2,773,521     | 3,617,092  | 14,281,106         |
| Promotion and sales .....             | 1,083,508                        | 9,394                                      | 35,580                         | 54,821            | 33,507           | 2,812,909     | 4,029,719  | 15,119,940         |
| General administration .....          | 199,803                          | 24,484                                     | 47,656                         | 26,557            | 18,580           | 755,621       | 1,072,701  | 4,352,538          |
| Totals .....                          | 2,268,951                        | 136,561                                    | 247,025                        | 123,201           | 86,170           | 7,896,089     | 10,757,997 | 41,386,564         |
| Depreciation and amortization .....   | 180,145                          | 48,118                                     | 28,464                         | 23,212            | 13,947           | 2,977,626     | 3,271,512  | 11,149,215         |
| Total operating expenses .....        | 4,888,555                        | 506,808                                    | 758,734                        | 324,512           | 350,251          | 18,803,220    | 25,632,080 | 97,041,472         |
| Operating income (loss) .....         | 688,431                          | 59,686                                     | 49,497                         | 9,104             | 23,802           | 433,021       | 1,078,357  | 1,214,302          |
| Non-operating income - Net:           |                                  |  |                                |                   |                  |               |            |                    |
| Capital gains and losses .....        | 12,280                           | -  | -                              | -                 | 77               | -             | 12,357     | 70,526             |
| Interest and discounts .....          | 51,322                           | 225  | -                              | -                 | 615              | 142,760       | 194,922    | 777,603            |
| Miscellaneous non-operating income .. | Dr.                              | 19   | Dr.                            | Dr.               | Dr.              | 299           | 137,657    | 130,029            |
| Income before interest expense .....  | 627,945                          | 59,442                                     | 37,816                         | 10,566            | 23,256           | 575,482       | 1,147,979  | 496,202            |
| Interest expense .....                | -                                | 29,126                                     | 9,239                          | 11,448            | 4,652            | 927,176       | 981,641    | 3,930,500          |
| Income before income taxes .....      | 627,945                          | 88,568                                     | 28,577                         | 22,014            | 27,908           | 351,694       | 166,338    | 4,426,702          |
| Provision for income taxes .....      | -                                | -  | -                              | -                 | -                | -             | -          | -                  |
| Net income after income taxes .....   | 627,945                          | 88,568                                     | 28,577                         | 22,014            | 27,908           | 351,694       | 166,338    | 4,426,702          |

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

April 1965

|   | Group I carriers           |             |             | Group II carriers                 |                             |                    |                   | Grand total |             |
|---|----------------------------|-------------|-------------|-----------------------------------|-----------------------------|--------------------|-------------------|-------------|-------------|
|   | Canadian Pacific Air Lines | Air Canada  | Total       | Eastern Provincial Airways (1963) | Pacific Western Airlines(1) | Quebecair Inc. (1) | Transair Ltd. (1) |             | Total (1)   |
| Revenue transportation services:                      |                            |             |             |                                   |                             |                    |                   |             |             |
| Unit toll:  |                            |             |             |                                   |                             |                    |                   |             |             |
| Departures .....                                      | 1,866                      | 11,690      | 13,556      | 1,189                             | 1,479                       | 1,064              | 1,006             | 4,738       | 18,294      |
| Hours flown .....                                     | 3,446                      | 15,291      | 18,737      | 1,167                             | 1,549                       | 842                | 1,093             | 4,651       | 23,388      |
| Miles scheduled .....                                 | 1,154,427                  | 4,253,856   | 5,408,283   | 30,759                            | 191,300                     | 95,103             | 101,003           | 418,165     | 5,826,448   |
| Miles flown:  |                            |             |             |                                   |                             |                    |                   |             |             |
| Scheduled - Regular .....                             | 1,147,413                  | 4,222,107   | 5,369,520   | 20,950                            | 184,697                     | 92,438             | 83,298            | 381,383     | 5,750,903   |
| Extra section .....                                   | 28,031                     | 251,952     | 279,983     | 3,487                             | 15,175                      | 687                | 9,815             | 29,164      | 309,147     |
| Non-scheduled .....                                   | 50,419                     | -           | 50,419      | 137,484                           | 40,260                      | 55,528             | 64,744            | 298,016     | 348,435     |
| Totals .....  | 1,225,863                  | 4,474,059   | 5,699,922   | 161,921                           | 240,132                     | 148,653            | 157,857           | 708,563     | 6,408,485   |
| Ratio of regular miles flown to miles scheduled ..... | 99.4                       | 99.3        | 99.3        | 68.1                              | 96.5                        | 97.2               | 82.5              | 91.2        | 97.9        |
| Passengers carried .....                              | 49,381                     | 385,814     | 435,195     | 6,100                             | 17,882                      | 9,054              | 5,205             | 38,241      | 473,436     |
| Goods carried:  |                            |             |             |                                   |                             |                    |                   |             |             |
| Freight .....   | 941,059                    | 6,809,683   | 7,750,742   | 689,864                           | 890,674                     | 173,052            | 134,179           | 1,887,769   | 9,638,511   |
| Express .....   | 81,293                     | 983,871     | 1,065,164   | 21,267                            | 40,347                      | -                  | 12,537            | 74,151      | 1,139,315   |
| Excess baggage .....                                  | 51,786                     | -           | 51,786(2)   | 13,983                            | 28,046                      | 20,841             | 5,000             | 67,870      | 119,656     |
| Mail .....  | 258,297                    | 3,444,246   | 3,702,543   | 224,050                           | 172,182                     | 37,391             | 91,816            | 525,439     | 4,227,982   |
| Totals .....  | 1,332,435                  | 11,237,800  | 12,570,235  | 949,164                           | 1,131,249                   | 231,284            | 243,532           | 2,555,229   | 15,125,464  |
| Passenger-miles:                                      |                            |             |             |                                   |                             |                    |                   |             |             |
| Scheduled .....                                       | 84,121,764                 | 276,658,297 | 360,780,061 | 351,862                           | 4,075,024                   | 1,704,207          | 1,439,413         | 7,570,506   | 368,350,567 |
| Non-scheduled .....                                   | 1,629,724                  | -           | 1,629,724   | 1,124,180                         | 263,076                     | 1,089,257          | 240,635           | 2,717,148   | 4,346,872   |
| Totals .....  | 85,751,488                 | 276,658,297 | 362,409,785 | 1,476,042                         | 4,338,100                   | 2,793,464          | 1,680,048         | 10,287,654  | 372,697,439 |
| Available seat-miles on scheduled services .....      | 145,824,642                | 422,871,640 | 568,696,282 | 817,799                           | 8,174,083                   | 3,196,180          | 3,054,308         | 15,242,370  | 583,938,652 |
| Passenger load factor on scheduled services .....     | 57.7                       | 65.4        | 63.4        | 43.0                              | 50.0                        | 53.3               | 47.1              | 49.7        | 63.1        |
| Goods ton-miles:                                      |                            |             |             |                                   |                             |                    |                   |             |             |
| Freight - Scheduled .....                             | 1,244,116                  | 4,345,837   | 5,589,953   | 8,156                             | 189,078                     | 17,412             | 7,576             | 222,222     | 5,812,175   |
| Non-scheduled .....                                   | 2,410                      | -           | 2,410       | 159,143                           | 4,417                       | 5,835              | 18,204            | 187,599     | 190,009     |
| Totals .....  | 1,246,526                  | 4,345,837   | 5,592,363   | 167,299                           | 193,495                     | 23,247             | 25,780            | 409,821     | 6,002,184   |
| Express - Scheduled .....                             | 20,002                     | 400,493     | 420,495     | 681                               | 9,188                       | -                  | 2,423             | 12,292      | 432,787     |
| Non-scheduled .....                                   | 1,005                      | -           | 1,005       | 2,084                             | -                           | -                  | 414               | 2,498       | 3,503       |
| Totals .....  | 21,007                     | 400,493     | 421,500     | 2,765                             | 9,188                       | -                  | 2,837             | 14,790      | 436,290     |

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Continued

April 1965

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|   | Group I carriers           |             |             |                                   | Group II carriers           |                   |                  |            | Grand total |
|---|----------------------------|-------------|-------------|-----------------------------------|-----------------------------|-------------------|------------------|------------|-------------|
|   | Canadian Pacific Air Lines | Air Canada  | Total       | Eastern Provincial Airways (1963) | Pacific Western Airlines(1) | Quebecair Inc.(1) | Transair Ltd.(1) | Total(1)   |             |
| Revenue transportation services - Concluded:                              |                            |             |             |                                   |                             |                   |                  |            |             |
| Unit toll - Concluded:  |                            |             |             |                                   |                             |                   |                  |            |             |
| Goods ton-miles - Concluded:  |                            |             |             |                                   |                             |                   |                  |            |             |
| Excess baggage - Scheduled .....  | 59,405                     | 180,621     | 240,026     | 665                               | 4,000                       | 1,888             | 715              | 7,268      | 247,294     |
| Non-scheduled .....   | 258                        | -           | 258         | 1,879                             | 55                          | 1,603             | 224              | 3,761      | 4,019       |
| Totals .....  | 59,663                     | 180,621     | 240,284     | 2,544                             | 4,055                       | 3,491             | 939              | 11,029     | 251,313     |
| Mail - Scheduled .....  | 258,669                    | 1,416,724   | 1,675,373   | 5,557                             | 45,202                      | 3,368             | 5,024            | 59,151     | 1,734,524   |
| Non-scheduled .....   | 4,325                      | -           | 4,325       | 24,237                            | 619                         | 1,964             | 7,294            | 34,114     | 38,439      |
| Totals .....  | 262,974                    | 1,416,724   | 1,679,698   | 29,794                            | 45,821                      | 5,332             | 12,318           | 93,265     | 1,772,963   |
| Total - Scheduled .....   | 1,582,172                  | 6,343,675   | 7,925,847   | 15,059                            | 247,468                     | 22,668            | 15,738           | 300,933    | 8,226,780   |
| Non-scheduled .....   | 7,998                      | -           | 7,998       | 187,343                           | 5,091                       | 9,402             | 26,136           | 227,972    | 235,970     |
| Totals .....  | 1,590,170                  | 6,343,675   | 7,933,845   | 202,402                           | 252,559                     | 32,070            | 41,874           | 528,905    | 8,462,750   |
| Available ton-miles on scheduled services .....                           | 18,800,625                 | 65,490,893  | 84,291,518  | 91,222                            | 1,256,277                   | 317,495           | 356,479          | 2,021,473  | 86,312,991  |
| Weight load factor on scheduled services(3) .....                         | 53.2                       | 51.9        | 52.2        | 55.1                              | 52.1                        | 60.8              | 44.8             | 52.3       | 52.2        |
| Bulk:   |                            |             |             |                                   |                             |                   |                  |            |             |
| Departures .....  | 38                         | 88          | 126         | 594                               | 1,570                       | 56                | 228              | 2,448      | 2,574       |
| Hours flown .....   | 111                        | 209         | 320         | 727                               | 1,366                       | 62                | 470              | 2,625      | 2,945       |
| Miles flown .....   | 34,661                     | 76,217      | 110,878     | 64,325                            | 180,482                     | 9,386             | 76,114           | 330,307    | 441,185     |
| Passengers carried .....  | 1,450                      | 3,260       | 4,710       | 1,701                             | 3,135                       | 168               | 611              | 5,615      | 10,325      |
| Freight carried .....   | -                          | -           | -           | 158,044                           | 2,224,866                   | 139,267           | 417,776          | 2,939,953  | 2,939,953   |
| Passenger-miles(4) .....  | 2,789,543                  | 5,026,555   | 7,816,098   | 130,722                           | 2,116,919                   | 60,836            | 792,561          | 3,101,038  | 10,917,136  |
| Goods ton-miles(4) .....  | -                          | -           | -           | 13,930                            | 185,920                     | 19,544            | 250,911          | 470,305    | 470,305     |
| Revenue non-transportation services: Specialty flying - Hours flown ..... | -                          | 22          | 22          | 175                               | -                           | -                 | -                | 175        | 197         |
| Total - All services:   |                            |             |             |                                   |                             |                   |                  |            |             |
| Traffic, hours and miles:(5)  |                            |             |             |                                   |                             |                   |                  |            |             |
| Revenue:  |                            |             |             |                                   |                             |                   |                  |            |             |
| Departures .....  | 1,904                      | 11,778      | 13,682      | 1,783                             | 3,049                       | 1,120             | 1,234            | 7,186      | 20,868      |
| Hours flown .....   | 3,557                      | 15,522      | 19,079      | 2,069                             | 2,915                       | 904               | 1,563            | 7,451      | 26,530      |
| Miles flown .....   | 1,260,524                  | 4,550,216   | 5,810,800   | 226,246                           | 420,614                     | 158,039           | 233,971          | 1,038,870  | 6,849,670   |
| Passengers carried .....  | 50,831                     | 389,074     | 439,905     | 7,801                             | 21,017                      | 9,222             | 5,816            | 43,856     | 483,761     |
| Cargo carried .....   | 1,022,352                  | 7,793,554   | 8,815,906   | 869,175                           | 3,155,887                   | 312,319           | 564,492          | 4,901,873  | 13,717,779  |
| Goods carried .....   | 1,332,435                  | 11,237,800  | 12,570,235  | 1,107,208                         | 3,356,115                   | 370,551           | 661,308          | 5,495,182  | 18,065,417  |
| Passenger-miles(4) .....  | 88,541,031                 | 281,684,852 | 370,225,883 | 1,606,764                         | 6,455,019                   | 2,854,300         | 2,472,609        | 13,388,692 | 383,614,575 |
| Goods ton-miles(4) .....  | 1,590,170                  | 6,343,675   | 7,933,845   | 216,332                           | 438,479                     | 51,614            | 292,785          | 999,210    | 8,933,085   |

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

April 1965

|   | Group I carriers           |            |            | Group II carriers                 |                              |                    |                   | Total (1) | Grand total |
|---|----------------------------|------------|------------|-----------------------------------|------------------------------|--------------------|-------------------|-----------|-------------|
|   | Canadian Pacific Air Lines | Air Canada | Total      | Eastern Provincial Airways (1963) | Pacific Western Airlines (1) | Quebecair Inc. (1) | Transair Ltd. (1) |           |             |
| Total - All services - Concluded:         |                            |            |            |                                   |                              |                    |                   |           |             |
| Traffic, hours and miles - Concluded: (5) |                            |            |            |                                   |                              |                    |                   |           |             |
| Non-revenue:                              |                            |            |            |                                   |                              |                    |                   |           |             |
| Hours flown .....                         | 162                        | 467        | 629        | 90                                | 214                          | 46                 | 57                | 407       | 1,036       |
| Passengers carried .....                  | 2,050                      | ..         | ..         | 379                               | -                            | 187                | 113               | 679       | ..          |
| Goods carried .....                       | 181,387                    | ..         | ..         | 8,915                             | -                            | -                  | 6,087             | 15,002    | ..          |
| Passenger-miles .....                     | 4,636,250                  | 16,177,583 | 20,813,833 | 133,031                           | -                            | -                  | 60,008            | 193,039   | 21,006,872  |
| Goods ton-miles .....                     | 269,102                    | 457,478    | 726,580    | 2,216                             | -                            | -                  | 1,591             | 3,807     | 730,387     |
| Fuel and oil consumed:                    |                            |            |            |                                   |                              |                    |                   |           |             |
| Turbo fuel - Quantity .....               | 3,657,373                  | 12,988,211 | 16,645,584 | 82,260                            | -                            | 133,157            | 65,859            | 281,276   | 16,926,860  |
| Cost .....                                | 580,465                    | 1,679,941  | 2,260,406  | 17,275                            | -                            | 23,383             | 13,448            | 54,106    | 2,314,512   |
| Gasoline - Quantity .....                 | 418,291                    | -          | 418,291    | 119,276                           | 345,939                      | 27,403             | 138,312           | 630,930   | 1,049,221   |
| Cost .....                                | 114,349                    | -          | 114,349    | 50,238                            | 130,916                      | 9,043              | 41,673            | 231,870   | 346,219     |
| Turbo oil - Quantity .....                | 664                        | 3,053      | 3,717      | 41                                | -                            | 405                | 6                 | 452       | 4,169       |
| Cost .....                                | 5,131                      | 32,213     | 37,344     | 615                               | -                            | 1,418              | 60                | 2,093     | 39,437      |
| Other oil - Quantity .....                | 3,704                      | -          | 3,704      | 1,831                             | 4,101                        | 428                | 1,247             | 7,607     | 11,311      |
| Cost .....                                | 3,913                      | -          | 3,913      | 2,289                             | 5,126                        | 343                | 1,317             | 9,075     | 12,988      |
| Average number of employees:              |                            |            |            |                                   |                              |                    |                   |           |             |
| Pilots and co-pilots .....                | 230                        | 642        | 872        | 52                                | 87                           | 29                 | 45                | 213       | 1,085       |
| Other flight personnel .....              | 262                        | 821        | 1,083      | 12                                | 49                           | 16                 | 20                | 97        | 1,180       |
| General management .....                  | 110                        | 71         | 181        | 8                                 | 58                           | 49                 | 316               | 135       | 20          |
| Maintenance labour .....                  | 531                        | 2,605      | 3,136      | 191                               | 192                          | 71                 | 95                | 549       | 3,685       |
| Aircraft and traffic servicing .....      | 878                        | 3,995      | 4,873      | 106                               | 111                          | 109                | 56                | 382       | 5,255       |
| Other personnel .....                     | 758                        | 3,854      | 4,612      | 42                                | 25                           | 8                  | 53                | 128       | 4,740       |
| Total employees .....                     | 2,769                      | 11,988     | 14,757     | 411                               | 522                          | 282                | 289               | 1,504     | 16,261      |
| Salaries and wages:                       |                            |            |            |                                   |                              |                    |                   |           |             |
| Pilots and co-pilots .....                | 285,285                    | 826,279    | 1,111,564  | 44,746                            | 75,432                       | 23,000             | 37,415            | 180,593   | 1,292,157   |
| Other flight personnel .....              | 140,776                    | 364,209    | 504,985    | 3,886                             | 12,010                       | 5,003              | 6,132             | 27,031    | 532,016     |
| General management .....                  | 95,705                     | 130,563    | 226,268    | 8,166                             | 27,875                       | 21,519             | 11,855            | 69,415    | 295,683     |
| Maintenance labour .....                  | 267,921                    | 1,477,158  | 1,745,079  | 93,957                            | 102,915                      | 36,196             | 38,749            | 271,817   | 2,016,896   |
| Aircraft and traffic servicing .....      | 387,980                    | 1,990,269  | 2,378,249  | 37,894                            | 69,355                       | 42,399             | 20,441            | 170,089   | 2,548,338   |
| Other personnel .....                     | 299,510                    | 2,110,987  | 2,410,497  | 15,439                            | 4,962                        | 6,291              | 9,600             | 36,292    | 2,446,789   |
| Total salaries and wages .....            | 1,477,177                  | 6,899,465  | 8,376,642  | 204,088                           | 292,549                      | 134,408            | 124,192           | 755,237   | 9,131,879   |

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Excludes Air Canada.

(3) Standard passenger weight used: 200 pounds.

(4) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(5) These data exclude non-transportation services, except for hours flown.



TABLE 5. Revenue Interline Traffic(1), Canadian Scheduled Carriers - All Services, by Company(1)

April 1965

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|                                | Canadian<br>Pacific<br>Air Lines | Eastern<br>Provincial<br>Airways<br>(1963) | Pacific<br>Western<br>Airlines | Quebecair<br>Inc. | Transair<br>Ltd. | Air<br>Canada | Total      |
|--------------------------------|----------------------------------|--|--------------------------------|-------------------|------------------|---------------|------------|
| <b>Passengers carried:</b>     |                                  |  |                                |                   |                  |               |            |
| Originated .....               | 41,642                           | 4,708                                      | 16,502                         | 9,054             | 4,512            | 328,396       | 404,814    |
| Domestic interline .....       | 3,350                            | 1,272                                      | -                              | -                 | -                | 57,418        | 65,969     |
| Foreign interline .....        | 3,929                            | -  | -                              | -                 | -                | -             | -          |
| Totals(2) .....                | 48,921                           | 5,980                                      | 16,502                         | 9,054             | 4,512            | 385,814       | 470,783    |
| <b>Express carried:</b>        |                                  |  |                                |                   |                  |               |            |
| Originated .....               | 81,293                           | 19,593                                     | 39,953                         | -                 | 12,537           | 983,871       | 1,137,247  |
| Domestic interline .....       | -                                | -  | -                              | -                 | -                | -             | -          |
| Foreign interline .....        | -                                | -  | -                              | -                 | -                | -             | -          |
| Totals(2) .....                | 81,293                           | 19,593                                     | 39,953                         | -                 | 12,537           | 983,871       | 1,137,247  |
| <b>Freight carried:</b>        |                                  |  |                                |                   |                  |               |            |
| Originated .....               | 771,115                          | 689,864                                    | 838,481                        | 173,052           | 62,237           | 6,809,683     | 9,344,432  |
| Domestic interline .....       | 27,632                           | -  | -                              | -                 | -                | -             | 27,632     |
| Foreign interline .....        | 61,639                           | -  | -                              | -                 | -                | -             | 61,639     |
| Totals(2) .....                | 860,386                          | 689,864                                    | 838,481                        | 173,052           | 62,237           | 6,809,683     | 9,433,703  |
| <b>Excess baggage carried:</b> |                                  |  |                                |                   |                  |               |            |
| Originated .....               | 51,786                           | 13,983                                     | 27,137                         | 20,841            | 4,536            | -             | 118,283(3) |
| Domestic interline .....       | -                                | -  | -                              | -                 | -                | -             | -          |
| Foreign interline .....        | -                                | -  | -                              | -                 | -                | -             | -          |
| Totals(2) .....                | 51,786                           | 13,983                                     | 27,137                         | 20,841            | 4,536            | -             | 118,283(3) |
| <b>Mail carried:</b>           |                                  |  |                                |                   |                  |               |            |
| Originated .....               | 258,297                          | 134,956                                    | 163,367                        | 37,391            | 28,147           | 3,444,246     | 4,066,404  |
| Domestic interline .....       | -                                | -  | -                              | -                 | -                | -             | -          |
| Foreign interline .....        | -                                | -  | -                              | -                 | -                | -             | -          |
| Totals(2) .....                | 258,297                          | 134,956                                    | 163,367                        | 37,391            | 28,147           | 3,444,246     | 4,066,404  |

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Board.  
 (2) Excludes division interline.  
 (3) Excludes Air Canada.



TABLE 6. Operating Statistics, Canadian International Carriers - All Revenue Services, by area of Service

April 1965

|  | Trans-<br>Border<br>Services | Trans-<br>Atlantic<br>and Polar<br>Services | Southern<br>Services | Pacific<br>and<br>Orient<br>Services | Total<br>International<br>Services | Domestic<br>Services | Grand<br>total |
|--|------------------------------|---|----------------------|--------------------------------------|------------------------------------|----------------------|----------------|
| Unit toll:   |                              |   |                      |                                      |                                    |                      |                |
| Departures .....   | 1,889                        | 433   | 615                  | 119                                  | 3,056                              | 10,500               | 13,556         |
| Hours flown .....  | 2,630                        | 1,630                                       | 1,754                | 751                                  | 6,765                              | 11,972               | 18,737         |
| Miles scheduled .....                                    | 569,144                      | 766,478                                     | 658,943              | 324,706                              | 2,319,271                          | 3,138,068            | 5,457,339      |
| Miles flown:   |                              |   |                      |                                      |                                    |                      |                |
| Scheduled - Regular .....                                | 566,002                      | 766,386                                     | 651,533              | 323,372                              | 2,307,293                          | 3,062,227            | 5,369,520      |
| Extra sections .....                                     | 46,306                       | 10,250                                      | 86,106               | 15,791                               | 158,453                            | 121,530              | 279,983        |
| Non-scheduled .....                                      | -                            | -   | -                    | -                                    | -                                  | 50,419               | 50,419         |
| Totals .....   | 612,308                      | 776,636                                     | 737,639              | 339,163                              | 2,465,746                          | 3,234,176            | 5,699,922      |
| Ratio of regular miles flown to miles<br>scheduled ..... | 99.4                         | 99.9  | 98.8                 | 99.6                                 | 99.5                               | 99.1                 | 99.3           |
| Passengers carried .....                                 | ...                          | ...   | ...                  | ...                                  | 158,148                            | 277,047              | 435,195        |
| Cargo carried .....                                      | ...                          | ...   | ...                  | ...                                  | 3,525,999                          | 5,289,407            | 8,815,906      |
| Mail carried .....                                       | ...                          | ...   | ...                  | ...                                  | 421,605                            | 3,280,938            | 3,702,543      |
| Passenger-miles .....                                    | 34,335,640                   | 61,884,489                                  | 54,743,470           | 26,379,623                           | 177,343,222                        | 185,066,563          | 362,409,785    |
| Available seat-miles on scheduled services               | 51,533,517                   | 99,755,116                                  | 94,994,254           | 41,759,742                           | 288,042,629                        | 280,653,653          | 568,696,282    |
| Passenger load factor on scheduled services              | 66.6                         | 62.0  | 58.7                 | 63.2                                 | 61.2                               | 65.3                 | 63.4           |
| Goods ton-miles:   |                              |   |                      |                                      |                                    |                      |                |
| Express .....  | 54,270                       | -   | 551,958              | 441,379                              | 54,270                             | 367,230              | 421,500        |
| Freight .....  | 331,082                      | 1,367,607                                   | 551,958              | 441,379                              | 2,692,026                          | 2,900,337            | 5,592,363      |
| Excess baggage .....                                     | 13,342                       | 35,995                                      | 55,715               | 23,530                               | 128,582                            | 111,702              | 240,284        |
| Mail .....   | 43,998                       | 208,528                                     | 68,926               | 132,906                              | 454,358                            | 1,225,340            | 1,679,698      |
| Totals .....   | 442,692                      | 1,612,130                                   | 676,599              | 597,815                              | 3,329,236                          | 4,604,609            | 7,933,845      |
| Available ton-miles on scheduled service ....            | 7,311,907                    | 15,630,487                                  | 13,255,627           | 5,622,678                            | 41,820,699                         | 42,470,819           | 84,291,518     |
| Weight load factor on scheduled services(1)              | 53.0                         | 49.9  | 46.4                 | 57.5                                 | 50.4                               | 54.0                 | 52.2           |
| Bulk:  |                              |   |                      |                                      |                                    |                      |                |
| Departures .....   | 67                           | 188   | 25                   | 7                                    | 287                                | ...                  | ...            |
| Hours flown .....  | 95                           | 545   | 118                  | 25                                   | 783                                | ...                  | ...            |
| Miles flown .....  | 21,080                       | 144,247                                     | 32,324               | 7,752                                | 205,403                            | ...                  | ...            |
| Passengers carried .....                                 | 1,601                        | 3,783                                       | 602                  | 542                                  | 6,528                              | ...                  | ...            |
| Goods carried .....                                      | -                            | 56,088                                      | 12,073               | -                                    | 68,161                             | ...                  | ...            |
| Passenger-miles(2) .....                                 | 598,249                      | 11,280,068                                  | 1,139,610            | 559,315                              | 13,577,242                         | ...                  | ...            |
| Goods ton-miles(2) .....                                 | -                            | 1,585                                       | 43,541               | -                                    | 45,126                             | ...                  | ...            |
| Total:   |                              |   |                      |                                      |                                    |                      |                |
| Departures .....   | 1,956                        | 621   | 640                  | 126                                  | 3,343                              | ...                  | ...            |
| Hours flown .....  | 2,725                        | 2,175                                       | 1,872                | 776                                  | 7,548                              | ...                  | ...            |
| Miles flown .....  | 633,388                      | 920,883                                     | 769,963              | 346,915                              | 2,671,149                          | ...                  | ...            |
| Passengers carried .....                                 | ...                          | ...   | ...                  | ...                                  | 164,676                            | ...                  | ...            |
| Goods carried .....                                      | ...                          | ...   | ...                  | ...                                  | 4,015,765                          | ...                  | ...            |
| Passenger-miles(2) .....                                 | 34,933,889                   | 73,164,557                                  | 55,883,080           | 26,938,938                           | 190,920,464                        | ...                  | ...            |
| Goods ton-miles(2) .....                                 | 442,692                      | 1,615,715                                   | 720,140              | 597,815                              | 3,374,362                          | ...                  | ...            |

(1) Standard passenger weight used: 200 pounds.

(2) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

TABLE 7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)

April 1965

|  | United States              |                 |           | Europe                    |                 |           |
|--|----------------------------|-----------------|-----------|---------------------------|-----------------|-----------|
|  | To                         | From            | Total     | To                        | From            | Total     |
| Passengers carried:                          |                            |                 |           |                           |                 |           |
| Unit toll ..... No.                          | 90,807                     | 97,207          | 188,014   | 18,354                    | 20,113          | 38,467    |
| Bulk ..... "                                 | 1,109                      | 868             | 1,977     | 2,175                     | 854             | 3,029     |
| Totals ..... "                               | 91,916                     | 98,075          | 189,991   | 20,529                    | 20,967          | 41,496    |
| Freight, express and excess baggage carried: |                            |                 |           |                           |                 |           |
| Unit toll ..... lb.                          | 606,870                    | 2,725,455       | 3,332,325 | 643,391                   | 1,691,367       | 2,334,758 |
| Bulk ..... "                                 | -                          | -               | -         | -                         | -               | -         |
| Totals ..... "                               | 606,870                    | 2,725,455       | 3,332,325 | 643,391                   | 1,691,367       | 2,334,758 |
| Mail carried (unit toll) ..... "             | 150,387                    | 273,389         | 423,776   | 152,905                   | 174,395         | 327,300   |
|  | All other areas            |                 |           | Totals                    |                 |           |
|  | To                         | From            | Total     | To                        | From            | Total     |
| Passengers carried:                          |                            |                 |           |                           |                 |           |
| Unit toll ..... No.                          | 9,990                      | 12,636          | 22,626    | 119,151                   | 129,956         | 249,107   |
| Bulk ..... "                                 | -                          | -               | -         | 3,284                     | 1,722           | 5,006     |
| Totals ..... "                               | 9,990                      | 12,636          | 22,626    | 122,435                   | 131,678         | 254,113   |
| Freight, express and excess baggage carried: |                            |                 |           |                           |                 |           |
| Unit toll ..... lb.                          | 234,927                    | 134,616         | 369,543   | 1,485,188                 | 4,551,438       | 6,036,626 |
| Bulk ..... "                                 | -                          | -               | -         | -                         | -               | -         |
| Totals ..... "                               | 234,927                    | 134,616         | 369,543   | 1,485,188                 | 4,551,438       | 6,036,626 |
| Mail carried (unit toll) ..... "             | 31,251                     | 29,724          | 60,975    | 334,543                   | 477,508         | 812,051   |
|  | Total by Canadian carriers |                 |           | Total by Foreign carriers |                 |           |
|  | Leaving Canada             | Entering Canada | Total     | Leaving Canada            | Entering Canada | Total     |
| Passengers carried:                          |                            |                 |           |                           |                 |           |
| Unit toll ..... No.                          | 73,434                     | 80,869          | 154,303   | 45,717                    | 49,087          | 94,804    |
| Bulk ..... "                                 | 2,192                      | 1,290           | 3,482     | 1,092                     | 432             | 1,524     |
| Totals ..... "                               | 75,626                     | 82,159          | 157,785   | 46,809                    | 49,519          | 96,328    |
| Freight, express and excess baggage carried: |                            |                 |           |                           |                 |           |
| Unit toll ..... lb.                          | 1,006,217                  | 2,496,355       | 3,502,572 | 478,971                   | 2,055,083       | 2,534,054 |
| Bulk ..... "                                 | -                          | -               | -         | -                         | -               | -         |
| Totals ..... "                               | 1,006,217                  | 2,496,355       | 3,502,572 | 478,971                   | 2,055,083       | 2,534,054 |
| Mail carried (unit toll) ..... "             | 192,672                    | 228,828         | 421,500   | 141,871                   | 248,680         | 390,551   |

(1) Passengers and goods in transit through Canada are excluded.

TABLE 8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service

April 1965

| Type of service:                     | Fixed wing aircraft |                |               |                | Helicopters   |                |               |                |
|--------------------------------------|---------------------|----------------|---------------|----------------|---------------|----------------|---------------|----------------|
|                                      | Month               |                | Year to date  |                | Month         |                | Year to date  |                |
|                                      | Revenue hours       | Revenue earned | Revenue hours | Revenue earned | Revenue hours | Revenue earned | Revenue hours | Revenue earned |
|                                      | No.                 | \$             | No.           | \$             | No.           | \$             | No.           | \$             |
| Aerial advertising .....             | 2                   | 190            | 2             | 190            | 55            | 1,525          | 329           | 21,875         |
| Aerial fish cultivation .....        | -                   | -              | 23            | -              | -             | -              | -             | -              |
| Aerial patrol and inspection .....   | 765                 | 79,631         | 2,881         | 302,361        | 362           | 34,309         | 1,489         | 365,445        |
| Aerial pest control .....            | 60                  | 6,685          | 60            | 6,062          | -             | -              | -             | -              |
| Aerial photography and survey .....  | 137                 | 27,161         | 1,353         | 155,613        | 29            | 8,124          | 210           | 13,629         |
| Aerial photography (excl. survey) .. | 35                  | 1,076          | 109           | 3,129          | 62            | 4,035          | 166           | 9,037          |
| Aircraft rental .....                | 59                  | 976            | 253           | 4,172          | -             | -              | -             | -              |
| Flying training .....                | 3,712               | 58,319         | 13,475        | 222,232        | 194           | 11,048         | 465           | 27,382         |
| Geophysical survey .....             | 510                 | 48,516         | 2,081         | 207,956        | 31            | 3,262          | 198           | 14,500         |
| Non-transportation charter .....     | 69                  | 6,467          | 71            | 6,902          | -             | -              | -             | -              |
| Philanthropic .....                  | -                   | -              | -             | -              | -             | -              | -             | -              |
| Recreational flying .....            | 762                 | 19,045         | 3,145         | 65,455         | 10            | 1,200          | 18            | 1,929          |
| Specialty flying - Other .....       | -                   | -              | 22            | 1,533          | 116           | 12,435         | 457           | 32,014         |
| Totals .....                         | 6,111               | 248,066        | 23,475        | 975,605        | 859           | 75,938         | 3,332         | 485,811        |

TABLE 9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV

April 1965

|                                      | Carriers operating helicopters only |              | Carriers operating both helicopters and fixed wing aircraft |              | Total   |              |
|--------------------------------------|-------------------------------------|--------------|---|--------------|---------|--------------|
|                                      | Month                               | Year to date | Month   | Year to date | Month   | Year to date |
| Carriers reporting ..... No.         | 16                                  | ...          | 7   | ...          | 23      | ...          |
| Helicopters - Owned .....            | 156                                 | 151          | 12  | 14           | 168     | 165          |
| Leased .....                         | 22                                  | 17           | -   | 2            | 22      | 19           |
| Totals .....                         | 178                                 | 168          | 12  | 16           | 190     | 184          |
| Revenue hours flown - Unit toll .... | 174                                 | 174          | -   | -            | 174     | 174          |
| Bulk .....                           | 3,918                               | 9,525        | 189   | 415          | 4,107   | 9,940        |
| Specialty .....                      | 724                                 | 2,221        | 135   | 1,111        | 859     | 3,332        |
| Totals .....                         | 4,816                               | 11,920       | 324   | 1,526        | 5,140   | 13,446       |
| Non-revenue hours flown .....        | 825                                 | 1,961        | 7   | 56           | 832     | 2,017        |
| Fuel and oil consumed:               |                                     |              |   |              |         |              |
| Gasoline ..... gal.                  | 95,545                              | 245,806      | 7,023   | 19,649       | 102,568 | 265,455      |
| Cost ..... \$                        | 42,962                              | 112,958      | 2,914   | 17,094       | 45,876  | 130,052      |
| Oil ..... gal.                       | 2,298                               | 5,026        | 143   | 433          | 2,441   | 5,459        |
| Cost ..... \$                        | 4,440                               | 9,282        | 217   | 694          | 4,657   | 9,976        |
| Average number of employees:         |                                     |              |   |              |         |              |
| Pilots .....                         | 169                                 | 150          | 10  | 8            | 179     | 158          |
| Administrative .....                 | 19                                  | 49           | -   | 1            | 19      | 50           |
| Maintenance labour .....             | 199                                 | 156          | 6   | 5            | 205     | 161          |
| Other personnel .....                | 6                                   | 7            | -   | -            | 6       | 7            |
| Totals .....                         | 393                                 | 362          | 16  | 14           | 409     | 376          |
| Salaries and wages:                  |                                     |              |   |              |         |              |
| Pilots .....                         | \$ 113,662                          | 397,479      | 7,844   | 28,284       | 121,506 | 425,763      |
| Administrative .....                 | \$ 37,875                           | 146,215      | -   | 3,000        | 37,875  | 149,215      |
| Maintenance labour .....             | \$ 80,734                           | 305,727      | 3,513   | 12,001       | 84,247  | 317,728      |
| Other personnel .....                | \$ 1,669                            | 7,104        | -   | -            | 1,669   | 7,104        |
| Totals .....                         | \$ 233,940                          | 856,525      | 11,357  | 43,285       | 245,297 | 899,810      |

TABLE 10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV  
April 1965

|  | Current month | Year to date |
|--|---------------|--------------|
|  | dollars       |              |
| Operating revenues:                      |               |              |
| Unit toll transportation:                |               |              |
| Passengers .....                         | -             |              |
| Express .....                            | -             |              |
| Freight .....                            | -             |              |
| Excess baggage .....                     | -             |              |
| Mail .....                               | -             |              |
| Total unit toll transportation .....     | -             |              |
| Bulk transportation .....                | 507,479       | 1,225,349    |
| Total transportation .....               | 507,479       | 1,225,349    |
| Other flying services .....              | 57,573        | 199,510      |
| Total flying services .....              | 565,052       | 1,424,859    |
| Non-flying services .....                | 18,577        | 65,170       |
| Total operating revenues .....           | 583,629       | 1,490,029    |
| Operating expenses:                      |               |              |
| Flying operations .....                  | 329,209       | 822,501      |
| Maintenance .....                        | 208,688       | 674,804      |
| General service and administration ..... | 82,420        | 285,466      |
| Depreciation and amortization .....      | 66,144        | 223,774      |
| Total operating expenses .....           | 686,461       | 2,006,545    |
| Operating income (deficit) .....         | Dr. 102,832   | Dr. 516,516  |
| Non-operating income:                    |               |              |
| Capital gains and losses .....           | 31,410        | 69,680       |
| Interest and discounts .....             | 2,343         | 4,776        |
| Miscellaneous non-operating income ..... | 10,881        | 13,414       |
| Income before interest expense .....     | Dr. 58,198    | Dr. 428,646  |
| Interest expense .....                   | 20,363        | 62,773       |
| Income before income taxes .....         | Dr. 78,561    | Dr. 491,419  |
| Provision for income taxes .....         | -             | 2,733        |
| Net income after income taxes .....      | Dr. 78,561    | Dr. 494,152  |

CIVIL AVIATION DEFINITIONS(1)

Bulk Transportation:

- (1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4); and
- (2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).

Classification of Canadian  
Carriers by Groups

Group I Carriers: Canadian Air Carriers licensed to perform both domestic and international scheduled services. (Trans-Canada Air Lines and Canadian Pacific Air Lines Ltd.).

Group II Carriers: Canadian Air Carriers other than Group I carriers licensed to perform domestic scheduled services and Nordair Ltd.(2).

Group III Carriers: Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$500,000 or over (excepting air carriers included in Group I and II).

Group IV Carriers: Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$100,000 and over, but less than \$500,000.

Group V Carriers: Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of less than \$100,000.

Cargo:

Air freight and air express (excluding mail and excess baggage).

Carrier, Air:

Any person who operates aircraft in or over Canada for hire or reward.

Non-Scheduled Carriers: Carriers not operating any scheduled (Class I) service.

Scheduled Carriers: Air Carriers serving designated points in accordance with a service schedule and at a toll per unit.

- 
- (1) Reference to Classes refers to the classification of air carriers as defined by the Air Transport Board and published in the "Directory of Canadian Commercial Air Services" Queen's Printer, Ottawa.
  - (2) For statistical purposes in this report, Nordair Ltd. is included with Group III carriers.



Freedoms of the Air:

- First Freedom: The privilege to fly over the territory of a foreign country without landing.
- Second Freedom: The privilege to land on the territory of a foreign country for non-traffic purposes.
- Third Freedom: The privilege to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
- Fourth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
- Fifth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the privilege to put down in a foreign country, passengers, mail and cargo coming from any such territory.

Goods: Air Cargo (freight and express) plus mail and excess baggage.

Interline Traffic:

- Domestic Interline: Passengers and goods received by a carrier at Canadian points from other Canadian Air Carriers.
- Foreign Interline: Passengers and goods received by a carrier from Foreign Air Carriers.
- Divisional Interline: Passengers and goods received from other operating divisions of the same carrier.

International Services:

- Trans-Border Services: Services between Canada and the United States.
- Southern Services: Services between Canada and Bermuda, the Caribbean, Mexico, Central or South America.
- Trans-Atlantic and Polar Services: Services between Canada and Europe.
- Pacific and Orient Services: Services between Canada and points in the Pacific Ocean or the Orient.

Load Capacity Available: Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, stewards' supplies, etc.



|                                   |   |
|-----------------------------------|---|
| <u>Load Factor, Passenger:</u>    | Ratio of revenue passenger-miles performed to available seat-miles.   |
| <u>Load Factor, Weight:</u>       | - See Weight, Load-Factor.  |
| <u>Miles:</u>                     | Statute miles of 5,280 ft.  |
| <u>Passenger:</u>                 | A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger. A round trip passenger is counted as two passengers.  |
| Passenger Load-Factor:            | - See Load Factor, Passenger.   |
| Passenger-Mile:                   | The transportation of one passenger one mile.   |
| Non-Revenue Passenger:            | A child or adult carried on a revenue transportation flight for whom no fare is collected, including company personnel.   |
| Revenue Passenger:                | A child or adult for which a fare or part of a fare is paid.  |
| <u>Seat-Miles Available:</u>      | Seats available for the transportation of passengers multiplied by the miles flown on each inter-station flight.  |
| <u>Specialty Flying Services:</u> | Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising.  |
| <u>Tons:</u>                      | Short tons of 2,000 lbs.  |
| <u>Ton-Mile:</u>                  | The transportation of one ton of goods one mile.  |
| <u>Ton-Miles Available:</u>       | Available load capacity multiplied by miles flown on each inter-station flight.   |
| <u>Unit Toll Transportation:</u>  | Public transportation of passengers and goods at a toll per unit. It includes: <ul style="list-style-type: none"><li>(i) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class I); and</li><li>(ii) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3)</li></ul> |
| <u>Weight Load Factor:</u>        | Ratio of revenue ton-miles performed to available ton-miles.  |





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## CIVIL AVIATION

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| 51-201               | Civil Aviation - Preliminary Annual ..... | .50           |
| 51-202               | Civil Aviation - Annual .....             | .50           |

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## SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures are not available.
- ... Figures not appropriate or not applicable.
- Nil or zero.

## INTRODUCTION

"Civil Aviation" reports are prepared from monthly and quarterly schedules filed with the Air Transport Board and the Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly returns filed with the Dominion Bureau of Statistics by foreign air carriers operating in Canada.

For reporting purposes, Canadian air carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. These groups are described on page twenty of this publication along with other definitions. It should be noted that the definition of each of the five groups was revised as of January 1964. In January 1965, 3 former Group IV carriers were promoted to Group III, 1 Group III carrier was transferred to Group IV and 7 Group V carriers were transferred to Group IV. It should also be noted that Nordair Ltd., classified as a Group II carrier by the Air Transport Board, is included with Group III carriers for statistical purposes. Group V is comprised of small air carriers required to file returns on a quarterly basis only. Data on their operations are excluded from the other carrier statistics appearing throughout the report.

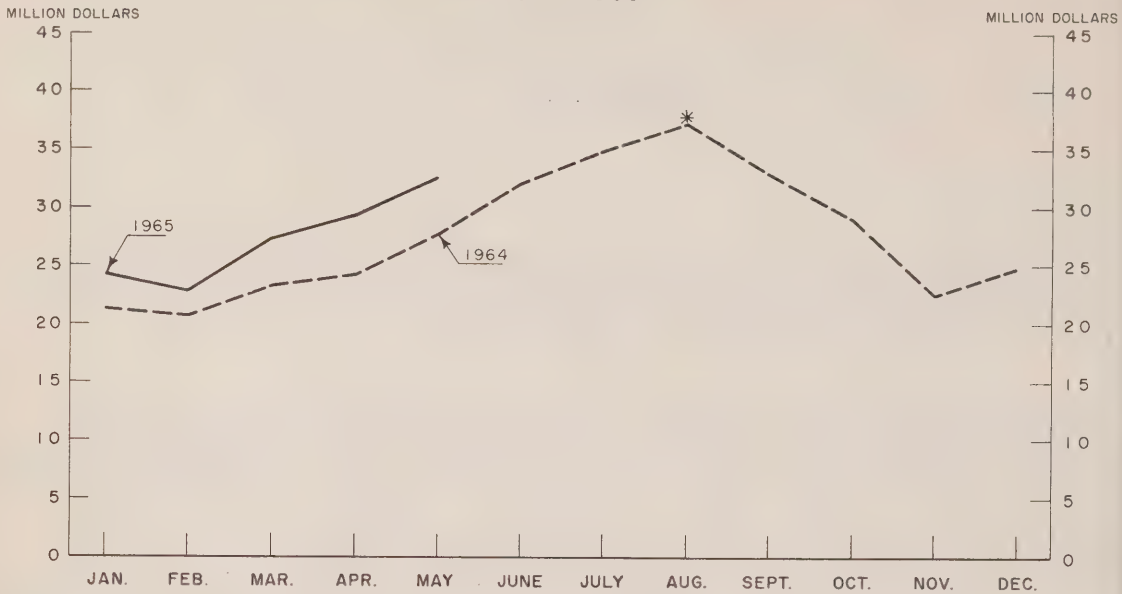
Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. A complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

Domestic and international operations of Canadian carriers are combined in all tables except Table 6 which provides a breakdown of domestic and international operations for Canadian carriers operating international unit toll and bulk services.

Table 7 provides data on traffic leaving and entering Canada on an area of service basis. Passengers, cargo and mail in transit through Canada are excluded. The table contains the operations of both Canadian and Foreign carriers with separate totals for each.

# OPERATING REVENUE OF CANADIAN AIR CARRIERS

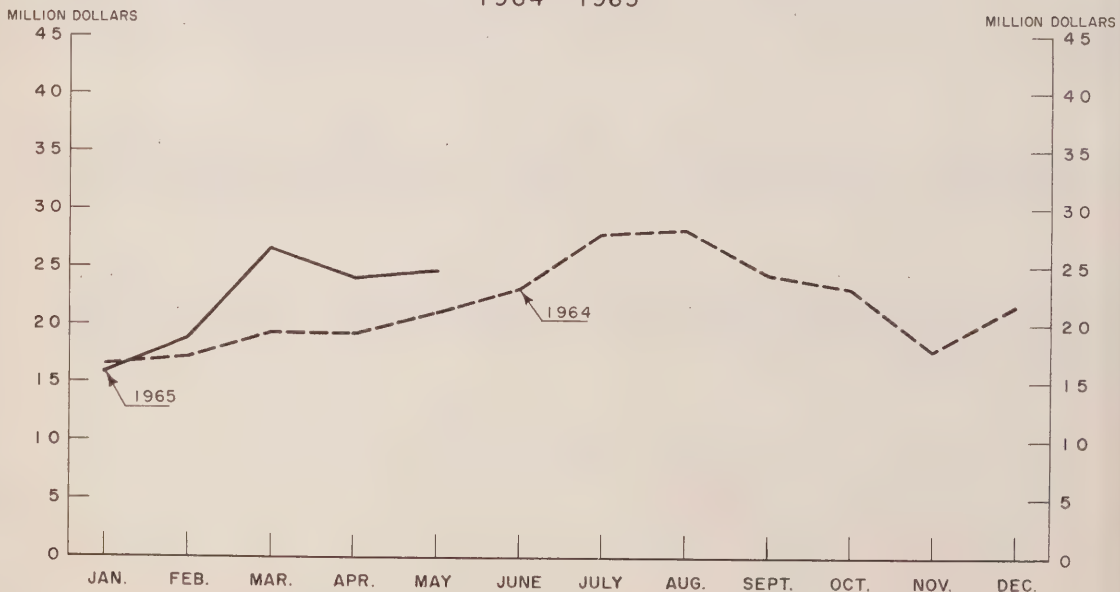
1964 - 1965



\* ALL TIME HIGH FOR A SINGLE MONTH

# REVENUE GOODS CARRIED BY CANADIAN AIR CARRIERS

1964 - 1965



(REVENUE GOODS = FREIGHT + EXPRESS + EXCESS BAGGAGE + MAIL)

## REVIEW OF MAY OPERATIONS

Increases were reported in the transportation of both revenue passengers and revenue goods by Canadian air carriers during the month of May compared with May 1964. The number of passengers carried totalled 548,190 an increase of 11.7 per cent. The weight of goods transported rose to 12,275 tons, an increase of 16.4 per cent. Revenue miles flown increased 11.3 per cent to 9,775,517.

Unit toll and bulk transportation services performed by Canadian carriers accounted for a total of 436,191,049 passenger-miles and 10,024,154 goods ton-miles. Unit toll service made up 91.0 per cent of the total passenger-miles and 84.3 per cent of the total goods ton-miles.

May operating revenues showed a 17.2 per cent increase over May 1964 to \$32,424,535 while operating expenses rose 15.0 per cent to \$29,387,969 resulting in an operating income of \$3,036,566. In May 1964 an operating income of \$2,100,096 was reported. A net income of \$2,001,968 after provision for income taxes was reported for May 1965 as compared to an income of \$1,196,937 for the same month in 1964.

Fifteen carriers who operated helicopters exclusively reported a total of 6,609 hours flown by 30 machines. Nine carriers operating both fixed-wing craft and helicopters reported a total of 1,170 hours flown by 37 machines. Operating revenues reported by helicopters only carriers for the month of May amounted to \$808,159 while operating expenses amounted to \$717,902.

During May the six scheduled carriers transported 494,408 revenue passengers and 9,023 tons of revenue goods which amounted to 90.2 per cent of the total number of passengers and 73.5 per cent of the total weight of revenue goods carried by all Canadian carriers. Operating revenues of scheduled carriers amounted to \$29,253,581 or 90.2 per cent of all Canadian carrier revenues. Operating expenses of scheduled carriers amounted to \$26,554,829 or 90.4 per cent of all Canadian air carrier expenses. In May 1964 figures for the proportion of operations attributable to scheduled carriers as a percentage of all Canadian carriers are as follows: Passengers carried 89.6 per cent, tons of goods carried 67.0 per cent, operating revenues 90.0 per cent and operating expenses 90.3 per cent.

Revenue passenger-miles performed by Canadian carriers in international unit toll service in May amounted to 182,253,157 or 47.4 per cent of the total unit toll passenger-miles performed by Canadian carriers. International services performed by Canadian carriers calculated according to passenger-miles travelled were divided by area as follows:

| <u>Area</u>                    | <u>Percentage</u> |
|--------------------------------|-------------------|
| Trans-Border .....             | 19.8              |
| Trans-Atlantic and Polar ..... | 53.2              |
| Southern .....                 | 15.5              |
| Pacific and Orient .....       | <u>11.5</u>       |
| Total .....                    | <u>100.0</u>      |

### Foreign Carriers

Foreign carriers licensed to operate in Canada transported 106,598 revenue passengers during May, an increase of 28.5 per cent over May 1964. Weight of revenue goods carried totalled 1,584 tons, an increase of 27.5 per cent over the same period in 1964. Foreign carriers report hours and miles flown over Canadian territory only. Statistics concerning passengers and goods in transit have been excluded.

### Cumulative Figures for the Year to Date (Canadian Carriers)

Compared with the same period in 1964 the first five months of 1965 showed an increase of 38.8 per cent to 2,930,796 in the number of revenue passengers carried while the weight of revenue goods carried rose 21.9 per cent to 56,967 tons. Passenger-miles performed by Canadian carriers totalled 1,811,975,859 while goods ton-miles totalled 49,148,965 for the first five months of the year. Operating revenues increased 16.6 per cent to \$136,595,286 while operating expenses increased 12.6 per cent to \$136,252,021.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services  
May 1965

|                                      | Canadian carriers                       |                        |           |           |                         | Foreign carriers (2)   |                            | Grand total all carriers | Year to date |
|--------------------------------------|---|------------------------|-----------|-----------|-------------------------|------------------------|----------------------------|--------------------------|--------------|
|                                      | Scheduled carriers<br>Group I and II(1) | Non-scheduled carriers |           |           | Total Canadian carriers | United States carriers | Other Foreign carriers (3) |                          |              |
|                                      |   | Group III(1)           | Group IV  | Total     |                         |                        |                            |                          |              |
| Number of carriers reporting ...     | 6                                       | 16                     | 53        | 69        | 75                      | 10                     | 9                          | 94                       | ..           |
| Revenue transportation services:     |   |                        |           |           |                         |                        |                            |                          |              |
| Unit toll:                           |   |                        |           |           |                         |                        |                            |                          |              |
| Departures .....                     | 19,333                                  | 2,450                  | 849       | 3,299     | 22,632                  | ..                     | ..                         | ..                       | ..           |
| Hours flown .....                    | 25,192                                  | 2,550                  | 394       | 2,944     | 28,136                  | 350                    | 1,280                      | 29,766                   | 132,934      |
| Miles scheduled .....                | 6,588,451                               | ...                    | ...       | ...       | 6,588,451               | 92,045                 | 497,425                    | 7,177,921                | 31,534,983   |
| Miles flown:                         |   |                        |           |           |                         |                        |                            |                          |              |
| Scheduled .....                      | 6,728,852                               | ...                    | ...       | ...       | 6,728,852               | 92,462                 | 498,233                    | 7,319,547                | 31,962,785   |
| Non-scheduled .....                  | 241,413                                 | 333,249                | 45,038    | 378,287   | 619,700                 | -                      | -                          | 619,700                  | 3,113,252    |
| Totals .....                         | 6,970,265                               | 333,249                | 45,038    | 378,287   | 7,348,552               | 92,462                 | 498,233                    | 7,939,247                | 35,076,037   |
| Passengers carried .....             | 478,954                                 | 10,181                 | 2,952     | 13,133    | 492,687                 | 71,076                 | 30,996                     | 594,159                  | 2,679,365    |
| Goods carried:                       |   |                        |           |           |                         |                        |                            |                          |              |
| Cargo .....                          | 10,383,617                              | 545,985                | 54,284    | 600,269   | 10,983,886              |                        |                            |                          |              |
| Excess baggage .....                 | 137,557                                 | 37,586                 | 5,853     | 43,439    | 180,996                 |                        |                            |                          |              |
| Mail .....                           | 3,937,157                               | 134,031                | 19,364    | 153,395   | 4,090,552               | 1,039,851              | 1,821,759                  | 14,026,492               | 66,147,568   |
| Totals .....                         | 14,458,331                              | 717,602                | 79,501    | 797,103   | 15,255,434              | 159,144                | 148,229                    | 4,397,925                | 22,403,095   |
| Passenger-miles .....                | 395,162,690                             | 1,749,318              | 216,881   | 1,966,199 | 397,128,889             | 1,198,995              | 1,969,988                  | 18,424,417               | 8,550,663    |
| Goods ton-miles:                     |   |                        |           |           |                         |                        |                            |                          |              |
| Cargo .....                          | 6,275,931                               | 158,526                | 2,292     | 160,818   | 6,436,749               |                        |                            |                          |              |
| Excess baggage .....                 | 277,137                                 | 3,982                  | 219       | 4,201     | 281,338                 | 23,131                 | 656,236                    | 7,397,454                | 35,381,639   |
| Mail .....                           | 1,691,692                               | 36,511                 | 1,023     | 37,534    | 1,729,226               | 3,282                  | 60,355                     | 1,792,863                | 8,893,103    |
| Totals .....                         | 8,244,760                               | 199,019                | 3,534     | 202,553   | 8,447,313               | 26,413                 | 716,591                    | 9,190,317                | 44,274,742   |
| Bulk:                                |   |                        |           |           |                         |                        |                            |                          |              |
| Departures .....                     | 2,994                                   | 5,941                  | 14,446    | 20,387    | 23,381                  | ..                     | ..                         | ..                       | ..           |
| Hours flown .....                    | 4,196                                   | 7,878                  | 11,977    | 19,855    | 24,051                  | -                      | 121                        | 24,172                   | 82,041       |
| Miles flown .....                    | 835,548                                 | 573,552                | 1,017,865 | 1,591,417 | 2,426,965               | 55                     | 45,658                     | 2,472,678                | 8,562,759    |
| Passengers carried .....             | 15,454                                  | 15,010                 | 25,639    | 40,649    | 56,103                  | 131                    | 4,395                      | 60,629                   | 176,185      |
| Freight carried .....                | 3,588,599                               | 3,426,644              | 2,280,292 | 5,706,936 | 9,295,535               | -                      | -                          | 9,295,535                | 38,247,844   |
| Passenger-miles(6) .....             | 35,591,743                              | 3,467,757              | 2,660     | 3,470,417 | 39,062,160              | ..                     | ..                         | ..                       | ..           |
| Goods ton-miles(6) .....             | 802,106                                 | 614,617                | 160,118   | 774,735   | 1,576,841               | -                      | -                          | 1,576,841                | ..           |
| Revenue non-transportation services: |   |                        |           |           |                         |                        |                            |                          |              |
| Specialty flying - Hours flown "     | 255                                     | 2,965                  | 7,537     | 10,502    | 10,757                  | -                      | -                          | 10,757                   | 39,999       |

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

May 1965

|                                     | Canadian carriers  |              |                        |           |             | Foreign carriers(2)     |                        | Grand total all carriers | Year to date |                           |
|-------------------------------------|--------------------|--------------|------------------------|-----------|-------------|-------------------------|------------------------|--------------------------|--------------|---------------------------|
|                                     | Scheduled carriers |              | Non-scheduled carriers |           |             | Total Canadian carriers | United States carriers |                          |              | Other Foreign carriers(3) |
|                                     | Groups I and II(1) | Group III(1) | Group IV               | Total     |             |                         |                        |                          |              |                           |
| <b>Total - All services:</b>        |                    |              |                        |           |             |                         |                        |                          |              |                           |
| <b>Revenue:</b>                     |                    |              |                        |           |             |                         |                        |                          |              |                           |
| Traffic, miles and hours:(7)        |                    |              |                        |           |             |                         |                        |                          |              |                           |
| Departures .....                    | 22,327             | 8,391        | 15,295                 | 23,686    | 46,013      |                         |                        |                          |              |                           |
| Hours flown .....                   | 29,643             | 13,393       | 19,908                 | 33,301    | 62,944      |                         |                        |                          |              |                           |
| Miles flown .....                   | 7,805,813          | 906,801      | 1,062,903              | 1,969,704 | 9,775,517   |                         |                        |                          |              |                           |
| Passengers carried .....            | 494,408            | 25,191       | 28,591                 | 53,782    | 548,190     |                         |                        |                          |              |                           |
| Cargo carried .....                 | 13,972,216         | 3,972,629    | 2,334,576              | 6,307,205 | 20,279,421  |                         |                        |                          |              |                           |
| Goods carried .....                 | 18,046,930         | 4,144,246    | 2,359,793              | 6,504,039 | 24,550,969  |                         |                        |                          |              |                           |
| Passenger-miles(6) .....            | 430,754,433        | 5,217,075    | 219,541                | 5,436,616 | 436,191,049 |                         |                        |                          |              |                           |
| Goods ton-miles(6) .....            | 9,046,866          | 813,636      | 163,652                | 977,288   | 10,024,154  |                         |                        |                          |              |                           |
| <b>Non-revenue:</b>                 |                    |              |                        |           |             |                         |                        |                          |              |                           |
| Hours flown .....                   | 985                | 804          | 860                    | 1,664     | 2,649       |                         |                        |                          |              |                           |
| Passengers carried .....            | 3,490(2)           | 104          | -                      | 104       | 3,594       |                         |                        |                          |              |                           |
| Goods carried .....                 | 256,432(2)         | 47,521       | -                      | 47,521    | 303,953     |                         |                        |                          |              |                           |
| Passenger-miles .....               | 19,225,798         | 138,477      | -                      | 138,477   | 19,364,275  |                         |                        |                          |              |                           |
| Goods ton-miles .....               | 737,114            | 29,120       | -                      | 29,120    | 766,234     |                         |                        |                          |              |                           |
| <b>Fuel and oil consumed:</b>       |                    |              |                        |           |             |                         |                        |                          |              |                           |
| Turbo fuel - Quantity .....         | 19,264,746         | -            | 12,884                 | 12,884    | 19,277,630  |                         |                        |                          |              |                           |
| Cost .....                          | 2,629,312          | -            | 3,976                  | 3,976     | 2,633,288   |                         |                        |                          |              |                           |
| Gasoline - Quantity .....           | 1,247,860          | 599,629      | 313,529                | 913,158   | 2,161,018   |                         |                        |                          |              |                           |
| Cost .....                          | 408,168            | 233,869      | 143,222                | 377,091   | 785,259     |                         |                        |                          |              |                           |
| Turbo oil - Quantity .....          | 4,170              | -            | 2                      | 2         | 4,172       |                         |                        |                          |              |                           |
| Cost .....                          | 38,046             | -            | 30                     | 30        | 38,076      |                         |                        |                          |              |                           |
| Other oil - Quantity .....          | 14,230             | 7,679        | 4,471                  | 12,150    | 26,380      |                         |                        |                          |              |                           |
| Cost .....                          | 15,921             | 11,894       | 7,234                  | 19,128    | 35,049      |                         |                        |                          |              |                           |
| <b>Average number of employees:</b> |                    |              |                        |           |             |                         |                        |                          |              |                           |
| Pilots and co-pilots .....          | 1,104              | 351          | 358                    | 709       | 1,813       |                         |                        |                          |              |                           |
| Other flight personnel .....        | 1,246              | 27           | 55                     | 82        | 1,328       |                         |                        |                          |              |                           |
| General management .....            | 320                | 91           | 105                    | 196       | 516         |                         |                        |                          |              |                           |
| Maintenance labour .....            | 3,748              | 373          | 250                    | 623       | 4,371       |                         |                        |                          |              |                           |
| Aircraft & traffic servicing .....  | 5,424              | 111          | 47                     | 158       | 5,582       |                         |                        |                          |              |                           |
| Other personnel .....               | 4,728              | 208          | 248                    | 456       | 5,184       |                         |                        |                          |              |                           |
| Totals .....                        | 16,570             | 1,161        | 1,063                  | 2,224     | 18,794      |                         |                        |                          |              |                           |
| <b>Salaries and wages paid:</b>     |                    |              |                        |           |             |                         |                        |                          |              |                           |
| Pilots and co-pilots .....          | 1,353,205          | 247,088      | 224,350                | 471,438   | 1,824,643   |                         |                        |                          |              |                           |
| Other flight personnel .....        | 575,893            | 18,257       | 23,978                 | 42,235    | 618,128     |                         |                        |                          |              |                           |
| General management .....            | 287,100            | 65,697       | 68,433                 | 134,130   | 421,230     |                         |                        |                          |              |                           |
| Maintenance labour .....            | 1,967,079          | 186,476      | 112,618                | 299,094   | 2,266,173   |                         |                        |                          |              |                           |
| Aircraft & traffic servicing .....  | 2,667,117          | 43,077       | 13,574                 | 56,651    | 2,723,768   |                         |                        |                          |              |                           |
| Other personnel .....               | 2,468,768          | 82,003       | 164,834                | 263,837   | 2,633,602   |                         |                        |                          |              |                           |
| Totals .....                        | 9,319,162          | 642,598      | 525,784                | 1,168,382 | 10,487,544  |                         |                        |                          |              |                           |
|                                     |                    |              |                        |           | 153,503     |                         |                        |                          |              |                           |
|                                     |                    |              |                        |           |             |                         |                        |                          |              |                           |
|                                     |                    |              |                        |           |             |                         |                        |                          |              |                           |
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|                                     |                    |              |                        |           |             |                         |                        |                          |              |                           |
|                                     |                    |              |                        |           |             |                         |                        |                          |              |                           |

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

(2) See "Foreign Carriers", page 7, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Air Canada.

(6) Excludes chartered aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(7) These data exclude non-transportation services, except for hours flown.

(8) Includes excess baggage.

(9) Data in Tables 4, 5, 6, 7, 8 and 9 included in this table.



TABLE 2. Statement of Income, Canadian Carriers - All Services(2), by Revenue Group  
May 1965

|                                       | Scheduled carriers |              |            | Non-scheduled carriers |           |           | Grand total | Year to date |
|---------------------------------------|--------------------|--------------|------------|------------------------|-----------|-----------|-------------|--------------|
|                                       | Group I            | Group II (1) | Total      | Group III (1)          | Group IV  | Total     |             |              |
|                                       | dollars            |              |            |                        |           |           |             |              |
| Operating revenues:                   |                    |              |            |                        |           |           |             |              |
| Unit toll transportation:             |                    |              |            |                        |           |           |             |              |
| Passengers .....                      | 22,728,503         | 986,194      | 23,714,697 | 249,714                | 33,232    | 282,946   | 23,997,643  | 103,058,125  |
| Express .....                         | 401,373            | 17,999       | 419,372    | 6,666                  | 406       | 7,072     | 426,444     | 2,027,489    |
| Freight .....                         | 1,395,790          | 236,140      | 1,631,930  | 91,997                 | 4,765     | 96,762    | 1,728,692   | 8,079,009    |
| Excess baggage .....                  | 126,333            | 16,380       | 142,713    | 5,340                  | 471       | 5,811     | 148,524     | 715,459      |
| Mail .....                            | 1,292,391          | 142,163      | 1,434,554  | 56,742                 | 4,362     | 61,104    | 1,495,658   | 7,642,049    |
| Total unit toll transportation ..     | 25,944,390         | 1,398,876    | 27,343,266 | 410,459                | 43,236    | 453,695   | 27,796,961  | 121,522,131  |
| Bulk transportation .....             | 1,001,663          | 686,782      | 1,688,445  | 1,066,955              | 996,357   | 2,063,312 | 3,751,757   | 11,452,008   |
| Total transportation .....            | 26,946,053         | 2,085,658    | 29,031,711 | 1,477,414              | 1,039,593 | 2,517,007 | 31,548,718  | 132,974,139  |
| Other flying services .....           | 14,613             | 41,229       | 55,842     | 186,717                | 344,190   | 530,907   | 586,749     | 1,961,812    |
| Total flying services .....           | 26,960,666         | 2,126,887    | 29,087,553 | 1,664,131              | 1,383,783 | 3,047,914 | 32,135,467  | 134,935,951  |
| Non-flying services .....             | 147,843            | 18,185       | 166,028    | 48,437                 | 74,603    | 123,040   | 289,068     | 1,659,335    |
| Total operating revenues .....        | 27,108,509         | 2,145,072    | 29,253,581 | 1,712,568              | 1,458,386 | 3,170,954 | 32,424,535  | 136,595,286  |
| Operating expenses:                   |                    |              |            |                        |           |           |             |              |
| Flying operations .....               | 6,086,978          | 756,588      | 6,843,566  | 709,461                | 487,030   | 1,196,491 | 8,040,057   | 35,351,974   |
| Maintenance .....                     | 4,919,529          | 589,565      | 5,509,094  | 559,677                | 386,115   | 945,792   | 6,454,886   | 30,523,668   |
| General services and administration:  |                    |              |            |                        |           |           |             |              |
| Passenger service .....               | 2,199,199          | 81,593       | 2,280,792  | ..                     | ..        | ..        | ..          | ..           |
| Aircraft and traffic servicing .....  | 3,476,576          | 330,601      | 3,807,177  | ..                     | ..        | ..        | ..          | ..           |
| Promotion and sales .....             | 4,157,057          | 144,002      | 4,301,059  | ..                     | ..        | ..        | ..          | ..           |
| General administration .....          | 977,173            | 109,248      | 1,086,421  | ..                     | ..        | ..        | ..          | ..           |
| Totals .....                          | 10,810,005         | 665,444      | 11,475,449 | 296,748                | 213,543   | 510,291   | 11,985,740  | 55,426,590   |
| Depreciation and amortization .....   | 2,613,275          | 113,445      | 2,726,720  | 91,326                 | 89,240    | 180,566   | 2,907,286   | 14,949,789   |
| Total operating expenses .....        | 24,429,787         | 2,125,042    | 26,554,829 | 1,657,212              | 1,175,928 | 2,833,140 | 29,387,969  | 136,252,021  |
| Operating income (loss) .....         | 2,678,722          | 20,030       | 2,698,752  | 55,356                 | 282,458   | 337,814   | 3,036,566   | 343,265      |
| Non-operating income - Net:           |                    |              |            |                        |           |           |             |              |
| Capital gains and losses .....        | -                  | 279          | 279        | 27,293                 | 932       | 28,225    | 28,504      | 301,246      |
| Interest and discounts .....          | 225,719            | 570          | 226,289    | 2,684                  | 3,575     | 6,259     | 232,548     | 1,028,981    |
| Miscellaneous non-operating income .. | Dr.                | 88           | Dr.        | 1,287                  | 7,312     | 8,599     | Dr.         | 287,289      |
| Income before interest expense .....  | 2,714,620          | 20,791       | 2,735,411  | 86,620                 | 294,277   | 380,897   | 3,116,308   | 1,406,203    |
| Interest expense .....                | 957,144            | 59,053       | 1,016,197  | 47,173                 | 35,489    | 82,662    | 1,098,859   | 5,305,848    |
| Income before income taxes .....      | 1,757,476          | 38,262       | 1,795,738  | 39,447                 | 258,788   | 298,235   | 2,017,449   | 3,899,645    |
| Provision for income taxes .....      | -                  | -            | -          | 7,664                  | 7,817     | 15,481    | 15,481      | 119,636      |
| Net income after income taxes .....   | 1,757,476          | 38,262       | 1,795,738  | 31,783                 | 250,971   | 282,754   | 2,001,968   | 4,019,281    |

(1) Group II non-scheduled carriers included with Group III for purposes of this report.  
(2) Data in Tables 3, 8 and 10 included in this table.

TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

May 1965

|                                       | Air<br>Canada | Canadian<br>Pacific<br>Air Lines | Eastern<br>Provincial<br>Airways<br>(1963) | Pacific<br>Western<br>Airlines | Quebecair<br>Inc. | Transair<br>Ltd. | Total      | Year<br>to<br>date |
|---------------------------------------|---------------|----------------------------------|--|--------------------------------|-------------------|------------------|------------|--------------------|
| Operating revenues:                   |               |                                  |  |                                |                   |                  |            |                    |
| Unit toll transportation:             |               |                                  |  |                                |                   |                  |            |                    |
| Passengers .....                      | 17,924,211    | 4,804,292                        | 153,350                                    | 423,122                        | 269,672           | 140,050          | 23,714,697 | 101,957,165        |
| Express .....                         | 379,634       | 21,739                           | 3,783                                      | 11,566                         | -                 | 2,650            | 419,372    | 1,976,623          |
| Freight .....                         | 1,025,367     | 370,423                          | 74,171                                     | 105,980                        | 37,592            | 18,397           | 1,631,930  | 7,673,653          |
| Excess baggage .....                  | 83,701        | 42,632                           | 2,670                                      | 8,343                          | 4,689             | 878              | 142,713    | 694,889            |
| Mail .....                            | 1,000,150     | 292,241                          | 57,005                                     | 51,948                         | 7,148             | 26,062           | 1,434,554  | 7,290,002          |
| Total unit toll transportation ..     | 20,413,063    | 5,531,327                        | 290,779                                    | 600,959                        | 319,101           | 188,037          | 27,343,266 | 119,592,332        |
| Bulk transportation .....             | 708,863       | 292,800                          | 127,775                                    | 320,346                        | 9,479             | 229,182          | 1,688,445  | 4,137,684          |
| Total transportation .....            | 21,121,926    | 5,824,127                        | 418,554                                    | 921,305                        | 328,580           | 417,219          | 29,031,711 | 123,730,016        |
| Other flying services .....           | 14,613        | -                                | 41,229                                     | -                              | -                 | -                | 55,842     | 147,713            |
| Total flying services .....           | 21,136,539    | 5,824,127                        | 459,783                                    | 921,305                        | 328,580           | 417,219          | 29,087,553 | 123,877,729        |
| Non-flying services .....             | 71,572        | 76,271                           | 4,737                                      | 2,514                          | 6,839             | 4,095            | 166,028    | 1,203,022          |
| Total operating revenues .....        | 21,208,111    | 5,900,398                        | 464,520                                    | 923,819                        | 335,419           | 421,314          | 29,253,581 | 125,080,751        |
| Operating expenses:                   |               |                                  |  |                                |                   |                  |            |                    |
| Flying operations .....               | 4,285,915     | 1,801,063                        | 151,442                                    | 386,240                        | 83,271            | 135,635          | 6,843,566  | 30,347,946         |
| Maintenance .....                     | 4,007,460     | 912,069                          | 164,274                                    | 195,043                        | 88,969            | 141,279          | 5,509,094  | 26,510,407         |
| General services and administrations: |               |                                  |  |                                |                   |                  |            |                    |
| Passenger service .....               | 1,740,481     | 458,718                          | 19,687                                     | 37,858                         | 11,035            | 13,013           | 2,280,792  | 9,913,772          |
| Aircraft and traffic servicing .....  | 2,887,490     | 589,086                          | 115,633                                    | 162,183                        | 33,822            | 18,963           | 3,807,177  | 18,088,283         |
| Promotion and sales .....             | 3,065,569     | 1,091,488                        | 12,349                                     | 44,503                         | 54,817            | 32,333           | 4,301,059  | 19,420,999         |
| General administration .....          | 765,572       | 211,601                          | 25,297                                     | 52,623                         | 25,122            | 6,206            | 1,086,421  | 5,438,959          |
| Totals .....                          | 8,459,112     | 2,350,893                        | 172,966                                    | 297,167                        | 124,796           | 70,515           | 11,475,449 | 52,862,013         |
| Depreciation and amortization .....   | 2,433,242     | 180,033                          | 46,477                                     | 29,803                         | 23,212            | 13,953           | 2,726,720  | 13,875,935         |
| Total operating expenses .....        | 19,185,729    | 5,244,058                        | 535,159                                    | 908,253                        | 320,248           | 361,382          | 26,554,829 | 123,596,301        |
| Operating income (loss) .....         | 2,022,382     | 656,340                          | Dr.  | 15,566                         | 15,171            | 59,932           | 2,698,752  | 1,484,450          |
| Non-operating income - Net:           |               |                                  |  |                                |                   |                  |            |                    |
| Capital gains and losses .....        | -             | -                                | -  | 279                            | -                 | -                | 279        | 70,805             |
| Interest and discounts .....          | 171,028       | 54,691                           | 41   | -                              | -                 | 529              | 226,289    | 1,003,892          |
| Miscellaneous non-operating income .. | Dr.           | Dr.                              | 10   | 1,914                          | Dr.               | Dr.              | Dr.        | 319,938            |
| Income before interest expense .....  | 2,003,849     | 710,771                          | Dr.  | 17,759                         | 13,201            | 60,419           | 2,735,411  | 2,239,209          |
| Interest expense .....                | 957,144       | -                                | 30,832                                     | 11,611                         | 12,230            | 4,380            | 1,016,197  | 4,946,697          |
| Income before income taxes .....      | 1,046,705     | 710,771                          | Dr.  | 6,148                          | 971               | 56,039           | 1,719,214  | Dr.                |
| Provision for income taxes .....      | -             | -                                | -  | -                              | -                 | -                | -          | -                  |
| Net income after income taxes .....   | 1,046,705     | 710,771                          | Dr.  | 6,148                          | 971               | 56,039           | 1,719,214  | Dr.                |

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

May 1965

|   | Group I carriers |                            |             | Group II carriers                 |                             |                    |                   |            | Grand total |
|---|------------------|----------------------------|-------------|-----------------------------------|-----------------------------|--------------------|-------------------|------------|-------------|
|   | Air Canada       | Canadian Pacific Air Lines | Total       | Eastern Provincial Airways (1963) | Pacific Western Airlines(1) | Quebecair Inc. (1) | Transair Ltd. (1) | Total(1)   |             |
| Revenue transportation services:                      |                  |                            |             |                                   |                             |                    |                   |            |             |
| Unit toll:  |                  |                            |             |                                   |                             |                    |                   |            |             |
| Departures .....                                      | 12,704           | 1,996                      | 14,700      | 1,071                             | 1,575                       | 1,139              | 848               | 4,633      | 19,333      |
| Hours flown .....                                     | 16,846           | 3,667                      | 20,513      | 1,047                             | 1,731                       | 901                | 1,000             | 4,679      | 25,192      |
| Miles scheduled .....                                 | 4,824,471        | 1,279,984                  | 6,104,455   | 78,912                            | 215,255                     | 103,395            | 86,434            | 483,996    | 6,588,451   |
| Miles flown:  |                  |                            |             |                                   |                             |                    |                   |            |             |
| Scheduled - Regular .....                             | 4,807,512        | 1,267,648                  | 6,075,160   | 72,367                            | 214,309                     | 98,633             | 81,786            | 467,095    | 6,542,255   |
| Extra section .....                                   | 142,115          | 16,577                     | 158,692     | 1,583                             | 12,426                      | 1,112              | 12,784            | 27,905     | 186,597     |
| Non-scheduled .....                                   | -                | -                          | -           | 80,599                            | 50,463                      | 58,288             | 52,063            | 241,413    | 241,413     |
| Totals .....  | 4,949,627        | 1,284,225                  | 6,233,852   | 154,549                           | 277,198                     | 158,033            | 146,633           | 736,413    | 6,970,265   |
| Ratio of regular miles flown to miles scheduled ..... | 99.6             | 99.0                       | 99.5        | 91.7                              | 99.7                        | 95.4               | 94.6              | 96.5       | 99.3        |
| Passengers carried .....                              | 391,059          | 48,428                     | 439,487     | 6,086                             | 19,672                      | 9,042              | 4,667             | 39,467     | 478,954     |
| Goods carried:  |                  |                            |             |                                   |                             |                    |                   |            |             |
| Freight .....   | 6,389,845        | 931,208                    | 7,321,053   | 630,355                           | 971,818                     | 176,432            | 102,417           | 1,881,022  | 9,202,075   |
| Express .....   | 1,016,226        | 99,052                     | 1,115,278   | 15,000                            | 40,370                      | -                  | 10,694            | 66,264     | 1,181,542   |
| Excess baggage .....                                  | -                | 57,629                     | 57,629(2)   | 11,923                            | 35,988                      | 28,258             | 3,759             | 79,928     | 137,557     |
| Mail .....  | 3,222,438        | 231,090                    | 3,453,528   | 187,673                           | 176,902                     | 37,337             | 81,717            | 483,629    | 3,937,157   |
| Totals .....  | 10,628,509       | 1,318,979                  | 11,947,488  | 844,951                           | 1,225,278                   | 242,027            | 198,587           | 2,510,843  | 14,458,331  |
| Passenger-miles:                                      |                  |                            |             |                                   |                             |                    |                   |            |             |
| Scheduled .....                                       | 300,707,341      | 83,499,945                 | 384,207,286 | 728,577                           | 4,479,308                   | 1,769,407          | 1,401,878         | 8,379,170  | 392,586,456 |
| Non-scheduled .....                                   | -                | -                          | -           | 1,000,507                         | 291,235                     | 1,051,232          | 233,260           | 2,576,234  | 2,576,234   |
| Totals .....  | 300,707,341      | 83,499,945                 | 384,207,286 | 1,729,084                         | 4,770,543                   | 2,820,639          | 1,635,138         | 10,955,404 | 395,162,690 |
| Available seat-miles on scheduled services .....      | 471,777,809      | 153,962,072                | 625,739,881 | 2,512,272                         | 11,440,866                  | 3,470,180          | 3,523,516         | 20,946,834 | 646,686,715 |
| Passenger load factor on scheduled services .....     | 63.7             | 54.2                       | 61.4        | 29.0                              | 39.2                        | 51.0               | 39.8              | 40.0       | 60.7        |
| Goods ton-miles:                                      |                  |                            |             |                                   |                             |                    |                   |            |             |
| Freight - Scheduled .....                             | 4,213,354        | 1,155,091                  | 5,368,445   | 11,813                            | 223,386                     | 20,553             | 6,623             | 262,375    | 5,630,820   |
| Non-scheduled .....                                   | -                | -                          | -           | 157,841                           | 7,126                       | 11,811             | 16,439            | 193,217    | 193,217     |
| Totals .....  | 4,213,354        | 1,155,091                  | 5,368,445   | 169,654                           | 230,512                     | 32,364             | 23,062            | 455,592    | 5,824,037   |
| Express - Scheduled .....                             | 412,640          | 25,710                     | 438,350     | 883                               | 8,649                       | -                  | 1,972             | 11,504     | 449,854     |
| Non-scheduled .....                                   | -                | -                          | -           | 1,652                             | 3                           | -                  | 385               | 2,040      | 2,040       |
| Totals .....  | 412,640          | 25,710                     | 438,350     | 2,535                             | 8,652                       | -                  | 2,357             | 13,544     | 451,894     |

See footnotes at end of table.

May 1965

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|  | Group I carriers |                            |             | Group II carriers                 |                              |                    |                   |            | Grand total |
|--|------------------|----------------------------|-------------|-----------------------------------|------------------------------|--------------------|-------------------|------------|-------------|
|  | Air Canada       | Canadian Pacific Air Lines | Total       | Eastern Provincial Airways (1963) | Pacific Western Airlines (1) | Quebecair Inc. (1) | Transair Ltd. (1) | Total (1)  |             |
| Revenue transportation services - Concluded:       |                  |                            |             |                                   |                              |                    |                   |            |             |
| Unit toll - Concluded:                             |                  |                            |             |                                   |                              |                    |                   |            |             |
| Goods ton-miles - Concluded:                       |                  |                            |             |                                   |                              |                    |                   |            |             |
| Excess baggage - Scheduled .....                   | 203,268          | 59,261                     | 262,529     | 999                               | 6,233                        | 2,366              | 660               | 10,258     | 272,787     |
| Non-scheduled ..                                   | -                | -                          | -           | 1,779                             | 239                          | 2,058              | 274               | 4,350      | 4,350       |
| Totals .....                                       | 203,268          | 59,261                     | 262,529     | 2,778                             | 6,472                        | 4,424              | 934               | 14,608     | 277,137     |
| Mail - Scheduled .....                             | 1,356,636        | 243,899                    | 1,600,535   | 5,385                             | 46,359                       | 3,379              | 4,952             | 60,075     | 1,660,610   |
| Non-scheduled ..                                   | -                | -                          | -           | 22,345                            | 340                          | 1,674              | 6,723             | 31,082     | 31,082      |
| Totals .....                                       | 1,356,636        | 243,899                    | 1,600,535   | 27,730                            | 46,699                       | 5,053              | 11,675            | 91,157     | 1,691,692   |
| Total - Scheduled .....                            | 6,185,898        | 1,483,961                  | 7,669,859   | 19,080                            | 284,627                      | 26,298             | 14,207            | 344,212    | 8,014,071   |
| Non-scheduled ..                                   | -                | -                          | -           | 183,617                           | 7,708                        | 15,543             | 23,821            | 230,689    | 230,689     |
| Totals .....                                       | 6,185,898        | 1,483,961                  | 7,669,859   | 202,697                           | 292,335                      | 41,841             | 38,028            | 574,901    | 8,244,760   |
| Available ton-miles on scheduled services .....    | 71,507,548       | 19,887,239                 | 91,394,787  | 314,808                           | 1,445,822                    | 345,505            | 353,587           | 2,459,722  | 93,854,509  |
| Weight load factor on scheduled services (3) ..... | 50.7             | 49.4                       | 50.4        | 29.2                              | 50.7                         | 58.8               | 43.7              | 48.1       | 50.4        |
| Bulk:  |                  |                            |             |                                   |                              |                    |                   |            |             |
| Departures .....                                   | 138              | 57                         | 195         | 642                               | 1,849                        | 35                 | 273               | 2,799      | 2,994       |
| Hours flown .....                                  | 582              | 311                        | 893         | 866                               | 1,655                        | 46                 | 736               | 3,303      | 4,196       |
| Miles flown .....                                  | 271,658          | 120,363                    | 392,021     | 76,602                            | 233,623                      | 6,915              | 126,387           | 443,527    | 835,548     |
| Passengers carried .....                           | 6,994            | 2,341                      | 9,341       | 1,991                             | 3,110                        | 229                | 783               | 6,113      | 15,454      |
| Freight carried .....                              | 15,238           | 15,238                     | 15,238      | 175,499                           | 2,576,026                    | 23,425             | 798,411           | 3,573,361  | 3,588,599   |
| Passenger-miles (4) .....                          | 21,799,564       | 8,888,175                  | 30,687,739  | 173,040                           | 3,698,154                    | 75,611             | 957,199           | 4,904,004  | 35,591,743  |
| Goods ton-miles (4) .....                          | -                | 16,739                     | 16,739      | 12,362                            | 211,690                      | 12,370             | 548,945           | 785,367    | 802,106     |
| Revenue non-transportation services:               |                  |                            |             |                                   |                              |                    |                   |            |             |
| Specialty flying - Hours flown .....               | 47               | -                          | 47          | 208                               | -                            | -                  | -                 | 208        | 255         |
| Total - All services:                              |                  |                            |             |                                   |                              |                    |                   |            |             |
| Traffic, hours and miles (5)                       |                  |                            |             |                                   |                              |                    |                   |            |             |
| Revenue:   |                  |                            |             |                                   |                              |                    |                   |            |             |
| Departures .....                                   | 12,842           | 2,053                      | 14,895      | 1,713                             | 3,424                        | 1,174              | 1,121             | 7,432      | 22,327      |
| Hours flown .....                                  | 17,475           | 3,978                      | 21,453      | 2,121                             | 3,386                        | 947                | 1,736             | 8,190      | 29,643      |
| Miles flown .....                                  | 5,221,285        | 1,404,588                  | 6,625,873   | 231,151                           | 510,821                      | 164,948            | 273,020           | 1,179,940  | 7,805,813   |
| Passengers carried .....                           | 398,053          | 50,775                     | 448,828     | 8,077                             | 22,782                       | 9,271              | 5,450             | 45,580     | 494,408     |
| Cargo carried .....                                | 7,406,071        | 1,045,498                  | 8,451,569   | 820,854                           | 3,588,414                    | 199,857            | 911,522           | 5,520,647  | 13,972,216  |
| Goods carried .....                                | 10,628,509       | 1,334,217                  | 11,962,726  | 1,020,450                         | 3,803,304                    | 265,452            | 996,998           | 6,084,204  | 18,046,930  |
| Passenger-miles (4) .....                          | 322,506,905      | 92,388,120                 | 414,895,025 | 1,902,124                         | 8,468,697                    | 2,896,250          | 2,592,337         | 15,859,408 | 430,734,433 |
| Goods ton-miles (4) .....                          | 6,185,898        | 1,500,700                  | 7,686,598   | 215,059                           | 504,025                      | 54,211             | 586,973           | 1,360,268  | 9,046,866   |

See footnotes at end of table.



TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded  
May 1965

|   | Group I carriers |                            |            |                                   | Group II carriers           |                   |                  |          | Grand total |
|---|------------------|----------------------------|------------|-----------------------------------|-----------------------------|-------------------|------------------|----------|-------------|
|   | Air Canada       | Canadian Pacific Air Lines | Total      | Eastern Provincial Airways (1963) | Pacific Western Airlines(1) | Quebecair Inc.(1) | Transair Ltd.(1) | Total(1) |             |
| Total - All services - Concluded:         |                  |                            |            |                                   |                             |                   |                  |          |             |
| Traffic, hours and miles - Concluded: (5) |                  |                            |            |                                   |                             |                   |                  |          |             |
| Non-revenue:                              |                  |                            |            |                                   |                             |                   |                  |          |             |
| Hours flown .....                         | 323              | 143                        | 466        | 149                               | 278                         | 38                | 54               | 519      | 985         |
| Passengers carried .....                  | "                | 2,187                      | 2,187      | 457                               | 533                         | 184               | 129              | 1,303    | 3,490(2)    |
| Goods carried .....                       | "                | 151,470                    | 151,470    | 33,627                            | 64,845                      | -                 | 6,490            | 104,962  | 256,432(2)  |
| Passenger-miles .....                     | 14,305,024       | 4,446,080                  | 18,751,104 | 173,203                           | 183,836                     | 52,962            | 64,694           | 474,694  | 19,225,798  |
| Goods ton-miles .....                     | 502,406          | 204,877                    | 707,283    | 8,320                             | 19,546                      | -                 | 1,965            | 29,831   | 737,114     |
| Fuel and oil consumed:                    |                  |                            |            |                                   |                             |                   |                  |          |             |
| Turbo fuel - Quantity .....               | 14,958,889       | 4,016,233                  | 18,975,122 | 79,303                            | -                           | 148,033           | 62,288           | 289,624  | 19,264,746  |
| Cost .....                                | 1,921,676        | 645,919                    | 2,567,595  | 16,654                            | -                           | 31,087            | 13,976           | 61,717   | 2,629,312   |
| Gasoline - Quantity .....                 | -                | 435,064                    | 435,064    | 144,825                           | 474,878                     | 22,469            | 170,624          | 812,796  | 1,247,860   |
| Cost .....                                | -                | 119,100                    | 119,100    | 46,970                            | 171,645                     | 7,415             | 63,038           | 289,068  | 408,168     |
| Turbo oil - Quantity .....                | 2,795            | 805                        | 3,600      | 37                                | -                           | 527               | 6                | 570      | 4,170       |
| Cost .....                                | 28,988           | 6,598                      | 35,586     | 555                               | -                           | 1,845             | 60               | 2,460    | 38,046      |
| Other oil - Quantity .....                | -                | 4,277                      | 4,277      | 2,226                             | 5,603                       | 388               | 1,736            | 9,953    | 14,230      |
| Cost .....                                | -                | 3,952                      | 3,952      | 2,782                             | 7,003                       | 311               | 1,873            | 11,969   | 15,921      |
| Average number of employees:              |                  |                            |            |                                   |                             |                   |                  |          |             |
| Pilots and co-pilots .....                | 641              | 230                        | 871        | 57                                | 104                         | 29                | 43               | 233      | 1,104       |
| Other flight personnel .....              | 859              | 282                        | 1,141      | 15                                | 56                          | 13                | 21               | 105      | 1,246       |
| General management .....                  | 68               | 111                        | 179        | 8                                 | 63                          | 50                | 20               | 191      | 320         |
| Maintenance labour .....                  | 2,642            | 531                        | 3,173      | 199                               | 203                         | 72                | 101              | 575      | 3,748       |
| Aircraft and traffic servicing .....      | 4,127            | 908                        | 5,035      | 108                               | 116                         | 110               | 55               | 389      | 5,424       |
| Other personnel .....                     | 3,863            | 734                        | 4,597      | 42                                | 28                          | 9                 | 52               | 131      | 4,728       |
| Total employees .....                     | 12,200           | 2,796                      | 14,996     | 429                               | 570                         | 283               | 292              | 1,574    | 16,570      |
| Salaries and wages:                       |                  |                            |            |                                   |                             |                   |                  |          |             |
| Pilots and co-pilots .....                | 856,164          | 304,855                    | 1,161,019  | 44,872                            | 87,942                      | 24,106            | 35,266           | 192,186  | 1,353,205   |
| Other flight personnel .....              | 401,916          | 141,496                    | 543,412    | 3,894                             | 18,254                      | 4,542             | 5,791            | 32,481   | 575,893     |
| General management .....                  | 123,918          | 96,349                     | 220,267    | 8,166                             | 27,127                      | 20,625            | 10,915           | 66,833   | 287,100     |
| Maintenance labour .....                  | 1,411,539        | 264,179                    | 1,675,718  | 91,644                            | 115,121                     | 37,485            | 47,111           | 291,361  | 1,967,079   |
| Aircraft and traffic servicing .....      | 2,100,868        | 390,940                    | 2,491,808  | 38,587                            | 71,965                      | 42,230            | 22,527           | 175,309  | 2,667,117   |
| Other personnel .....                     | 2,140,536        | 292,433                    | 2,432,969  | 16,110                            | 5,248                       | 4,908             | 9,533            | 35,799   | 2,468,768   |
| Total salaries and wages .....            | 7,034,941        | 1,490,252                  | 8,525,193  | 203,273                           | 325,657                     | 133,896           | 131,143          | 793,969  | 9,319,162   |

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.  
 (2) Excludes Air Canada.  
 (3) Standard passenger weight used: 200 pounds.  
 (4) Excludes charter aircraft not having a maximum authorized take-off weight in excess of 18,000 pounds.  
 (5) These data exclude non-transportation services, except for hours flown.

TABLE 5. Revenue Interline Traffic(1), Canadian Scheduled Carriers - All Services, by Company

May 1965

|                                | Air<br>Canada | Canadian<br>Pacific<br>Air Lines | Eastern<br>Provincial<br>Airways<br>(1963) | Pacific<br>Western<br>Airlines | Quebecair<br>Inc. | Transair<br>Ltd. | Total      |
|--------------------------------|---------------|----------------------------------|--|--------------------------------|-------------------|------------------|------------|
| <b>Passengers carried:</b>     |               |                                  |  |                                |                   |                  |            |
| Originated .....               | 325,480       | 40,332                           | 5,390                                      | 18,405                         | 9,042             | 4,306            | 402,955    |
| Domestic interline .....       | 65,579        | 2,714                            | 632  | -                              | -                 | -                | 74,027     |
| Foreign interline .....        | -             | 5,102                            | -  | -                              | -                 | -                | -          |
| Totals(2) .....                | 391,059       | 48,148                           | 6,022                                      | 18,405                         | 9,042             | 4,306            | 476,982    |
| <b>Express carried:</b>        |               |                                  |  |                                |                   |                  |            |
| Originated .....               | 1,016,226     | 99,052                           | 14,687                                     | 40,488                         | -                 | 10,694           | 1,181,147  |
| Domestic interline .....       | -             | -                                | -  | -                              | -                 | -                | -          |
| Foreign interline .....        | -             | -                                | -  | -                              | -                 | -                | -          |
| Totals(2) .....                | 1,016,226     | 99,052                           | 14,687                                     | 40,488                         | -                 | 10,694           | 1,181,147  |
| <b>Freight carried:</b>        |               |                                  |  |                                |                   |                  |            |
| Originated .....               | 6,389,845     | 782,431                          | 629,817                                    | 917,124                        | 176,432           | 55,291           | 8,950,940  |
| Domestic interline .....       | -             | 21,574                           | -  | -                              | -                 | -                | 21,574     |
| Foreign interline .....        | -             | 36,818                           | -  | -                              | -                 | -                | 36,818     |
| Totals(2) .....                | 6,389,845     | 840,823                          | 629,817                                    | 917,124                        | 176,432           | 55,291           | 9,009,332  |
| <b>Excess baggage carried:</b> |               |                                  |  |                                |                   |                  |            |
| Originated .....               | ..            | 57,629                           | 11,923                                     | 32,525                         | 28,258            | 3,629            | 133,964(3) |
| Domestic interline .....       | ..            | -                                | -  | -                              | -                 | -                | -          |
| Foreign interline .....        | ..            | -                                | -  | -                              | -                 | -                | -          |
| Totals(2) .....                | ..            | 57,629                           | 11,923                                     | 32,525                         | 28,258            | 3,629            | 133,964(3) |
| <b>Mail carried:</b>           |               |                                  |  |                                |                   |                  |            |
| Originated .....               | 3,222,438     | 231,090                          | 138,404                                    | 171,770                        | 37,337            | 24,949           | 3,825,988  |
| Domestic interline .....       | -             | -                                | -  | -                              | -                 | -                | -          |
| Foreign interline .....        | -             | -                                | -  | -                              | -                 | -                | -          |
| Totals(2) .....                | 3,222,438     | 231,090                          | 138,404                                    | 171,770                        | 37,337            | 24,949           | 3,825,988  |

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Board.

(2) Excludes division interline.

(3) Excludes Air Canada.



TABLE 6. Operating Statistics, Canadian International Carriers - All Revenue Services, by area of Service

May 1965

|  | Trans-<br>Border<br>Services | Trans-<br>Atlantic<br>and Polar<br>Services | Southern<br>Services | Pacific<br>and<br>Orient<br>Services | Total<br>International<br>Services | Domestic<br>Services | Grand<br>total |
|--|------------------------------|---|----------------------|--------------------------------------|------------------------------------|----------------------|----------------|
| Unit toll:   |                              |   |                      |                                      |                                    |                      |                |
| Departures .....   | 2,128                        | 601   | 418                  | 102                                  | 3,249                              | 11,451               | 14,700         |
| Hours flown .....  | 2,967                        | 2,518                                       | 1,190                | 622                                  | 7,297                              | 13,216               | 20,513         |
| Miles scheduled .....                                    | 677,358                      | 1,215,294                                   | 427,927              | 279,226                              | 2,599,805                          | 3,504,650            | 6,104,455      |
| Miles flown:   |                              |   |                      |                                      |                                    |                      |                |
| Scheduled - Regular .....                                | 675,700                      | 1,209,908                                   | 422,595              | 279,226                              | 2,587,429                          | 3,487,731            | 6,075,160      |
| Extra sections .....                                     | 19,542                       | 6,225                                       | 28,379               | 9,446                                | 63,592                             | 95,100               | 158,692        |
| Non-scheduled .....                                      | -                            | -   | -                    | -                                    | -                                  | -                    | -              |
| Totals .....   | 695,242                      | 1,216,133                                   | 450,974              | 288,672                              | 2,651,021                          | 3,582,831            | 6,233,852      |
| Ratio of regular miles flown to miles<br>scheduled ..... | 99.8                         | 99.6  | 98.8                 | 100.0                                | 99.5                               | 99.5                 | 99.5           |
| Passengers carried .....                                 | ...                          | ...   | ...                  | ...                                  | 147,157                            | 292,330              | 439,487        |
| Cargo carried .....                                      | ...                          | ...   | ...                  | ...                                  | 3,238,904                          | 5,197,427            | 8,436,331      |
| Mail carried .....                                       | ...                          | ...   | ...                  | ...                                  | 430,707                            | 3,022,821            | 3,453,528      |
| Passenger-miles .....                                    | 36,115,496                   | 96,860,922                                  | 28,319,711           | 20,957,028                           | 182,253,157                        | 201,954,129          | 384,207,286    |
| Available seat-miles on scheduled services               | 57,632,827                   | 160,612,960                                 | 54,546,706           | 35,501,369                           | 308,293,862                        | 317,446,019          | 625,739,881    |
| Passenger load factor on scheduled services              | 62.7                         | 60.3  | 51.9                 | 59.0                                 | 59.1                               | 63.6                 | 61.4           |
| Goods ton-miles:   |                              |   |                      |                                      |                                    |                      |                |
| Express .....  | 56,077                       | -   | -                    | -                                    | 56,077                             | 382,273              | 438,350        |
| Freight .....  | 349,358                      | 1,433,571                                   | 394,443              | 421,522                              | 2,598,894                          | 2,769,551            | 5,368,445      |
| Excess baggage .....                                     | 15,676                       | 54,180                                      | 39,057               | 16,854                               | 125,767                            | 136,762              | 262,529        |
| Mail .....   | 42,494                       | 255,154                                     | 67,162               | 115,912                              | 480,722                            | 1,119,813            | 1,600,535      |
| Totals .....   | 463,605                      | 1,742,905                                   | 500,662              | 554,288                              | 3,261,460                          | 4,408,399            | 7,669,859      |
| Available ton-miles on scheduled service .....           | 8,209,900                    | 23,949,534                                  | 6,889,092            | 4,874,716                            | 43,923,242                         | 47,471,545           | 91,394,787     |
| Weight load factor on scheduled services(1)              | 49.6                         | 47.7  | 48.4                 | 54.4                                 | 48.9                               | 51.8                 | 50.4           |
| Bulk:  |                              |   |                      |                                      |                                    |                      |                |
| Departures .....   | 70                           | 324   | 15                   | -                                    | 409                                | ...                  | ...            |
| Hours flown .....  | 136                          | 1,154                                       | 58                   | -                                    | 1,348                              | ...                  | ...            |
| Miles flown .....  | 32,148                       | 422,572                                     | 15,263               | -                                    | 469,983                            | ...                  | ...            |
| Passengers carried .....                                 | 1,364                        | 9,805                                       | 1,310                | -                                    | 12,479                             | ...                  | ...            |
| Goods carried .....                                      | 74,173                       | 78,547                                      | -                    | -                                    | 152,720                            | ...                  | ...            |
| Passenger-miles(2) .....                                 | 1,583,304                    | 33,219,180                                  | 1,221,462            | -                                    | 36,023,946                         | ...                  | ...            |
| Goods ton-miles(2) .....                                 | 131,270                      | 3,879                                       | -                    | -                                    | 135,149                            | ...                  | ...            |
| Total:   |                              |   |                      |                                      |                                    |                      |                |
| Departures .....   | 2,198                        | 925   | 433                  | 102                                  | 3,658                              | ...                  | ...            |
| Hours flown .....  | 3,103                        | 3,672                                       | 1,248                | 622                                  | 8,645                              | ...                  | ...            |
| Miles flown .....  | 727,390                      | 1,638,705                                   | 466,237              | 288,672                              | 3,121,004                          | ...                  | ...            |
| Passengers carried .....                                 | ...                          | ...   | ...                  | ...                                  | 159,636                            | ...                  | ...            |
| Goods carried .....                                      | ...                          | ...   | ...                  | ...                                  | 3,822,331                          | ...                  | ...            |
| Passenger-miles(2) .....                                 | 37,698,800                   | 130,080,102                                 | 29,541,173           | 20,957,028                           | 218,277,103                        | ...                  | ...            |
| Goods ton-miles(2) .....                                 | 594,875                      | 1,746,784                                   | 500,662              | 554,288                              | 3,396,609                          | ...                  | ...            |

(1) Standard passenger weight used: 200 pounds.

(2) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

TABLE 7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)  
May 1965

|  | United States              |                 |           | Europe                    |                 |           |
|--|----------------------------|-----------------|-----------|---------------------------|-----------------|-----------|
|  | To                         | From            | Total     | To                        | From            | Total     |
| Passengers carried:                          |                            |                 |           |                           |                 |           |
| Unit toll ..... No.                          | 88,078                     | 95,032          | 183,110   | 24,676                    | 27,583          | 52,259    |
| Bulk ..... "                                 | 464                        | 395             | 859       | 8,689                     | 3,600           | 12,289    |
| Totals ..... "                               | 88,542                     | 95,427          | 183,969   | 33,365                    | 31,183          | 64,548    |
| Freight, express and excess baggage carried: |                            |                 |           |                           |                 |           |
| Unit toll ..... 1b.                          | 619,670                    | 2,587,990       | 3,207,660 | 667,102                   | 1,855,831       | 2,522,933 |
| Bulk ..... "                                 | -                          | -               | -         | -                         | -               | -         |
| Totals ..... "                               | 619,670                    | 2,587,990       | 3,207,660 | 667,102                   | 1,855,831       | 2,522,933 |
| Mail carried (unit toll) ..... "             | 138,422                    | 249,999         | 388,421   | 130,337                   | 162,436         | 292,773   |
|  | All other areas            |                 |           | Totals                    |                 |           |
|  | To                         | From            | Total     | To                        | From            | Total     |
| Passengers carried:                          |                            |                 |           |                           |                 |           |
| Unit toll ..... No.                          | 4,915                      | 7,785           | 12,700    | 117,669                   | 130,400         | 248,069   |
| Bulk ..... "                                 | -                          | -               | -         | 9,153                     | 3,995           | 13,148    |
| Totals ..... "                               | 4,915                      | 7,785           | 12,700    | 126,822                   | 134,395         | 261,217   |
| Freight, express and excess baggage carried: |                            |                 |           |                           |                 |           |
| Unit toll ..... 1b.                          | 204,703                    | 134,182         | 338,885   | 1,491,475                 | 4,578,003       | 6,069,478 |
| Bulk ..... "                                 | -                          | -               | -         | -                         | -               | -         |
| Totals ..... "                               | 204,703                    | 134,182         | 338,885   | 1,491,475                 | 4,578,003       | 6,069,478 |
| Mail carried (unit toll) ..... "             | 26,870                     | 29,874          | 56,744    | 295,629                   | 442,309         | 737,938   |
|  | Total by Canadian carriers |                 |           | Total by Foreign carriers |                 |           |
|  | Leaving Canada             | Entering Canada | Total     | Leaving Canada            | Entering Canada | Total     |
| Passengers carried:                          |                            |                 |           |                           |                 |           |
| Unit toll ..... No.                          | 69,448                     | 76,549          | 145,997   | 48,221                    | 53,851          | 102,072   |
| Bulk ..... "                                 | 6,148                      | 2,474           | 8,622     | 3,005                     | 1,521           | 4,526     |
| Totals ..... "                               | 75,596                     | 79,023          | 154,619   | 51,226                    | 55,372          | 106,598   |
| Freight, express and excess baggage carried: |                            |                 |           |                           |                 |           |
| Unit toll ..... 1b.                          | 954,918                    | 2,252,950       | 3,207,868 | 536,557                   | 2,325,053       | 2,861,610 |
| Bulk ..... "                                 | -                          | -               | -         | -                         | -               | -         |
| Totals ..... "                               | 954,918                    | 2,252,950       | 3,207,868 | 536,557                   | 2,325,053       | 2,861,610 |
| Mail carried (unit toll) ..... "             | 198,517                    | 232,048         | 430,565   | 97,112                    | 210,261         | 307,373   |

(1) Passengers and goods in transit through Canada are excluded.

TABLE 8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service  
May 1965

| Type of service:                     | Fixed wing aircraft |                |               |                | Helicopters   |                |               |                |
|--------------------------------------|---------------------|----------------|---------------|----------------|---------------|----------------|---------------|----------------|
|                                      | Month               |                | Year to date  |                | Month         |                | Year to date  |                |
|                                      | Revenue hours       | Revenue earned | Revenue hours | Revenue earned | Revenue hours | Revenue earned | Revenue hours | Revenue earned |
|                                      | No.                 | \$             | No.           | \$             | No.           | \$             | No.           | \$             |
| Aerial advertising .....             | 1                   | 18             | 3             | 208            | 88            | 22,800         | 417           | 44,675         |
| Aerial fish cultivation .....        | -                   | -              | 23            | -              | -             | -              | -             | -              |
| Aerial patrol and inspection .....   | 875                 | 68,375         | 3,862         | 382,930        | 623           | 58,880         | 2,112         | 424,325        |
| Aerial pest control .....            | 285                 | 13,900         | 345           | 19,962         | -             | -              | -             | -              |
| Aerial photography and survey .....  | 695                 | 93,258         | 2,271         | 282,859        | 4             | 1,074          | 214           | 14,703         |
| Aerial photography (excl. survey) .. | 73                  | 3,380          | 197           | 6,835          | 62            | 2,340          | 228           | 11,377         |
| Aircraft rental .....                | 40                  | 847            | 293           | 5,019          | -             | -              | -             | -              |
| Flying training .....                | 5,140               | 94,160         | 19,524        | 334,062        | 16            | 715            | 481           | 28,097         |
| Geophysical survey .....             | 772                 | 52,500         | 2,993         | 308,964        | 460           | 114,986        | 658           | 129,486        |
| Non-transportation charter .....     | 8                   | 2,005          | 79            | 8,907          | -             | -              | -             | -              |
| Philanthropic .....                  | -                   | -              | -             | -              | -             | -              | -             | -              |
| Recreational flying .....            | 1,590               | 40,999         | 5,217         | 113,686        | -             | -              | 18            | 1,929          |
| Specialty flying - Other .....       | -                   | -              | 22            | 1,533          | 25            | 4,116          | 507           | 38,475         |
| Totals .....                         | 9,479               | 369,442        | 34,829        | 1,464,965      | 1,278         | 204,911        | 4,635         | 693,067        |

TABLE 9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV  
May 1965

|                                       | Carriers operating helicopters only |              | Carriers operating both helicopters and fixed wing aircraft |              | Total   |              |
|---------------------------------------|-------------------------------------|--------------|---|--------------|---------|--------------|
|                                       | Month                               | Year to date | Month   | Year to date | Month   | Year to date |
| Carriers reporting .....              | No. 15                              | ...          | 9   | ...          | 24      | ...          |
| Helicopters - Owned .....             | " 158                               | 149          | 34  | 18           | 192     | 167          |
| Leased .....                          | " 22                                | 17           | 3   | 2            | 25      | 19           |
| Totals .....                          | " 180                               | 166          | 37  | 20           | 217     | 186          |
| Revenue hours flown - Unit toll ..... | " 6                                 | 180          | -   | -            | 6       | 180          |
| Bulk .....                            | " 5,983                             | 15,508       | 512   | 927          | 6,495   | 16,435       |
| Specialty .....                       | " 620                               | 2,841        | 658   | 1,769        | 1,278   | 4,610        |
| Totals .....                          | " 6,609                             | 18,529       | 1,170   | 2,696        | 7,779   | 21,225       |
| Non-revenue hours flown .....         | " 575                               | 2,536        | 111   | 167          | 686     | 2,703        |
| Fuel and oil consumed:                |                                     |              |   |              |         |              |
| Gasoline .....                        | gal. 129,073                        | 374,879      | 12,949  | 32,598       | 142,022 | 407,477      |
| Cost .....                            | \$ 59,963                           | 172,921      | 5,838   | 22,932       | 65,801  | 195,853      |
| Oil .....                             | gal. 2,047                          | 7,073        | 236   | 669          | 2,283   | 7,742        |
| Cost .....                            | \$ 3,737                            | 13,019       | 323   | 1,017        | 4,060   | 14,036       |
| Average number of employees:          |                                     |              |   |              |         |              |
| Pilots .....                          | No. 187                             | 155          | 13  | 10           | 200     | 165          |
| Administrative .....                  | " 61                                | 50           | 1   | 1            | 62      | 51           |
| Maintenance labour .....              | " 153                               | 153          | 8   | 6            | 161     | 159          |
| Other personnel .....                 | " 8                                 | 7            | -   | -            | 8       | 7            |
| Totals .....                          | " 409                               | 365          | 22  | 17           | 431     | 382          |
| Salaries and wages:                   |                                     |              |   |              |         |              |
| Pilots .....                          | \$ 145,620                          | 543,099      | 8,967   | 37,251       | 154,587 | 580,350      |
| Administrative .....                  | \$ 37,734                           | 183,949      | 700   | 3,700        | 38,434  | 187,649      |
| Maintenance labour .....              | \$ 83,836                           | 389,563      | 4,495   | 16,496       | 88,331  | 406,059      |
| Other personnel .....                 | \$ 2,423                            | 9,527        | -   | -            | 2,423   | 9,527        |
| Totals .....                          | \$ 269,613                          | 1,126,138    | 14,162  | 57,447       | 283,775 | 1,183,585    |

TABLE 10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV  
May 1965

|  | Current month |         | Year to date |
|--|---------------|---------|--------------|
|  |               | dollars |              |
| Operating revenues:                      |               |         |              |
| Unit toll transportation:                |               |         |              |
| Passengers .....                         | -             |         | -            |
| Express .....                            | -             |         | -            |
| Freight .....                            | -             |         | -            |
| Excess baggage .....                     | -             |         | -            |
| Mail .....                               | -             |         | -            |
| Total unit toll transportation .....     | -             |         | -            |
| Bulk transportation .....                | 721,971       |         | 1,947,320    |
| Total transportation .....               | 721,971       |         | 1,947,320    |
| Other flying services .....              | 71,089        |         | 270,599      |
| Total flying services .....              | 793,060       |         | 2,217,919    |
| Non-flying services .....                | 15,099        |         | 80,269       |
| Total operating revenues .....           | 808,159       |         | 2,298,188    |
| Operating expenses:                      |               |         |              |
| Flying operations .....                  | 346,640       |         | 1,169,141    |
| Maintenance .....                        | 245,012       |         | 919,816      |
| General service and administration ..... | 66,950        |         | 352,416      |
| Depreciation and amortization .....      | 59,300        |         | 283,074      |
| Total operating expenses .....           | 717,902       |         | 2,724,447    |
| Operating income (deficit) .....         | 90,257        | Dr.     | 426,259      |
| Non-operating income:                    |               |         |              |
| Capital gains and losses .....           | 20,912        |         | 90,592       |
| Interest and discounts .....             | 879           |         | 5,655        |
| Miscellaneous non-operating income ..... | 1,587         |         | 15,001       |
| Income before interest expense .....     | 113,635       | Dr.     | 315,011      |
| Interest expense .....                   | 32,185        |         | 94,958       |
| Income before income taxes .....         | 81,450        | Dr.     | 409,969      |
| Provision for income taxes .....         | -             |         | 2,733        |
| Net income after income taxes .....      | 81,450        | Dr.     | 412,702      |

CIVIL AVIATION DEFINITIONS(1)

|  |   |
|--|---|
| Bulk Transportation:                                 | (1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4); and<br><br>(2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).                     |
| <u>Classification of Canadian Carriers by Groups</u> |   |
| Group I Carriers:                                    | Canadian Air Carriers licensed to perform both domestic and international scheduled services. (Air Canada and Canadian Pacific Air Lines Ltd.).   |
| Group II Carriers:                                   | Canadian Air Carriers other than Group I carriers licensed to perform domestic scheduled services and Nordair Ltd.(2).  |
| Group III Carriers:                                  | Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$500,000 or over (excepting air carriers included in Group I and II).  |
| Group IV Carriers:                                   | Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$100,000 and over, but less than \$500,000.  |
| Group V Carriers:                                    | Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of less than \$100,000.  |
| <u>Cargo:</u>  | Air freight and air express (excluding mail and excess baggage).  |
| <u>Carrier, Air:</u>                                 | Any person who operates aircraft in or over Canada for hire or reward.  |
| Non-Scheduled Carriers:                              | Carriers not operating any scheduled (Class I) service.   |
| Scheduled Carriers:                                  | Air Carriers serving designated points in accordance with a service schedule and at a toll per unit.  |
| <u>Express, Air:</u>                                 | It is a package service operated within the U.S.A. and Canada only; the rates cover door-to-door service. Because Air Express shipments are carried on all flights and take priority over Air Freight and because Express shipments receive priority on the ground too, they take higher rates. |

- 
- (1) Reference to Classes refers to the classification of air carriers as defined by the Air Transport Board and published in the "Directory of Canadian Commercial Air Services" Queen's Printer, Ottawa.
- (2) For statistical purposes in this report, Nordair Ltd. is included with Group III carriers.



Freedoms of the Air:

- First Freedom: The privilege to fly over the territory of a foreign country without landing.
- Second Freedom: The privilege to land on the territory of a foreign country for non-traffic purposes.
- Third Freedom: The privilege to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
- Fourth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
- Fifth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the privilege to put down in a foreign country, passengers, mail and cargo coming from any such territory.

Freight, Air:

Articles carried on regular flights at standard per pound rates when space is available.

Goods:

Air Cargo (freight and express) plus mail and excess baggage.

Interline Traffic:

- Domestic Interline: Passengers and goods received by a carrier at Canadian points from other Canadian Air Carriers.
- Foreign Interline: Passengers and goods received by a carrier from Foreign Air Carriers.
- Divisional Interline: Passengers and goods received from other operating divisions of the same carrier.

International Services:

- Trans-Border Services: Services between Canada and the United States.
- Southern Services: Services between Canada and Bermuda, the Caribbean, Mexico, Central or South America.
- Trans-Atlantic and Polar Services: Services between Canada and Europe.
- Pacific and Orient Services: Services between Canada and points in the Pacific Ocean or the Orient.

Load Capacity Available:

Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, stewards' supplies, etc.



|                                   |   |
|-----------------------------------|---|
| <u>Load Factor, Passenger:</u>    | Ratio of revenue passenger-miles performed to available seat-miles.   |
| <u>Load Factor, Weight:</u>       | - See Weight, Load-Factor.  |
| <u>Miles:</u>                     | Statute miles of 5,280 ft.  |
| <u>Passenger:</u>                 | A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger. A round trip passenger is counted as two passengers.  |
| Passenger Load-Factor:            | - See Load Factor, Passenger.   |
| Passenger-Mile:                   | The transportation of one passenger one mile.   |
| Non-Revenue Passenger:            | A child or adult carried on a revenue transportation flight for whom no fare is collected, including company personnel.   |
| Revenue Passenger:                | A child or adult for which a fare or part of a fare is paid.  |
| <u>Seat-Miles Available:</u>      | Seats available for the transportation of passengers multiplied by the miles flown on each inter-station flight.  |
| <u>Specialty Flying Services:</u> | Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising.  |
| <u>Tons:</u>                      | Short tons of 2,000 lbs.  |
| <u>Ton-Mile:</u>                  | The transportation of one ton of goods one mile.  |
| <u>Ton-Miles Available:</u>       | Available load capacity multiplied by miles flown on each inter-station flight.   |
| <u>Unit Toll Transportation:</u>  | Public transportation of passengers and goods at a toll per unit. It includes: <ul style="list-style-type: none"><li>(i) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class 1); and</li><li>(ii) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3)</li></ul> |
| <u>Weight Load Factor:</u>        | Ratio of revenue ton-miles performed to available ton-miles.  |





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Canada. Statistics, Bureau of

# CIVIL AVIATION

( JUNE 1965 )



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## SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures are not available.
- ... Figures not appropriate or not applicable.
- Nil or zero.

## INTRODUCTION

"Civil Aviation" reports are prepared from monthly and quarterly schedules filed with the Air Transport Board and the Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly returns filed with the Dominion Bureau of Statistics by foreign air carriers operating in Canada.

For reporting purposes, Canadian air carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. These groups are described on page twenty of this publication along with other definitions. It should be noted that the definition of each of the five groups was revised as of 1st January 1964. In January 1965, 3 former Group IV carriers were promoted to Group III, 1 Group III carrier was transferred to Group IV and 7 Group V carriers were transferred to Group IV. It should also be noted that Nordair Ltd., classified as a Group II carrier by the Air Transport Board, is included with Group III carriers for statistical purposes. Group V is comprised of small air carriers required to file returns on a quarterly basis only. Data on their operations are excluded from the other carrier statistics appearing throughout the report.

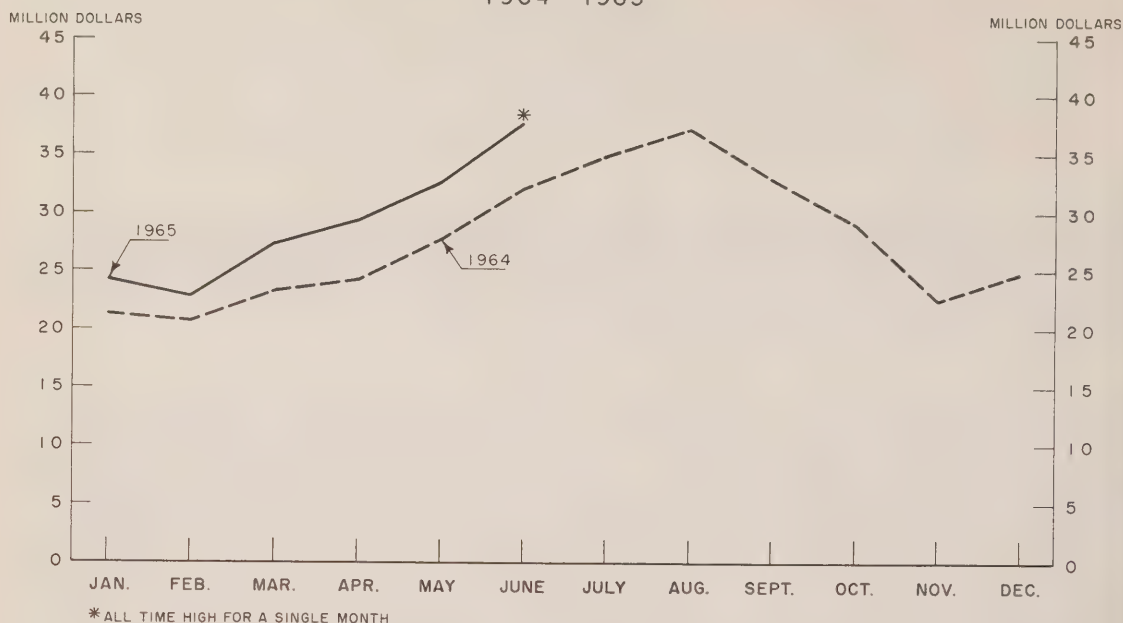
Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. A complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

Domestic and international operations of Canadian carriers are combined in all tables except Table 6 which provides a breakdown of domestic and international operations for Canadian carriers operating international unit toll and bulk services. It should be noted that there are only two Canadian carriers which operate international services on a unit toll basis; however there are other Canadian carriers, in addition to these two carriers, which operate international flights on a bulk or charter basis.

Table 7 provides data on traffic leaving and entering Canada on an area of service basis. Passengers, cargo and mail in transit through Canada are excluded. The table contains the operations of both Canadian and Foreign carriers with separate totals for each.

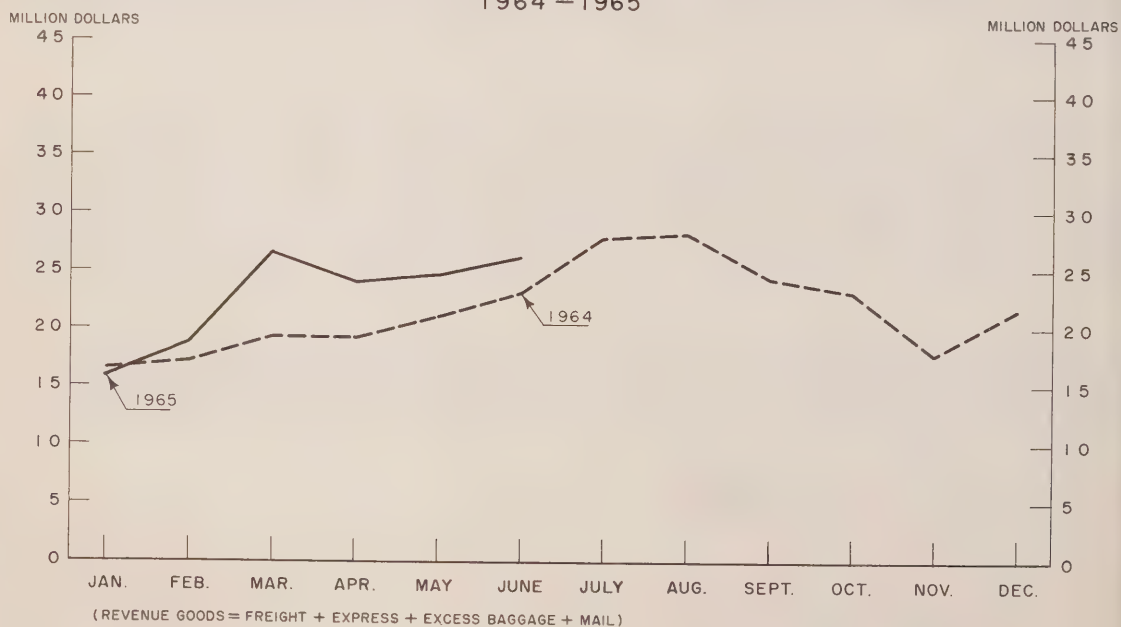
# OPERATING REVENUE OF CANADIAN AIR CARRIERS

1964 - 1965



# REVENUE GOODS CARRIED BY CANADIAN AIR CARRIERS

1964 - 1965



## REVIEW OF JUNE OPERATIONS

Increases were reported in the transportation of both revenue passengers and revenue goods by Canadian air carriers during the month of June compared with June 1964. The number of passengers carried totalled 606,412 an increase of 10.3 per cent. The weight of goods transported rose to 13,020 tons, an increase of 12.9 per cent. Revenue miles flown increased 11.1 per cent to 10,849,914.

Unit toll and bulk transportation services performed by Canadian carriers accounted for a total of 491,408,677 passenger-miles and 9,734,733 goods ton-miles. Unit toll service made up 88.5 per cent of the total passenger-miles and 88.4 per cent of the total goods ton-miles.

June operating revenues showed a 16.9 per cent increase over June 1964 to \$37,382,361 while operating expenses rose 12.1 per cent to \$30,213,121 resulting in an operating income of \$7,169,240. In June 1964 an operating income of \$5,042,761 was reported. A net income of \$6,258,029 after provision for income taxes was reported for June 1965 as compared to an income of \$4,102,596 for the same month in 1964.

Fifteen carriers who operated helicopters exclusively reported a total of 12,737 hours flown by 183 machines. Eight carriers operating both fixed-wing craft and helicopters reported a total of 2,061 hours flown by 31 machines. Operating revenues reported by helicopters only carriers for the month of June amounted to \$1,658,111 while operating expenses amounted to \$1,049,716.

The operations of Group V carriers for the second quarter of 1965 are covered in Table 11. The 267 carriers reporting in the quarter transported 60,948 passengers and 2751 tons of revenue goods.

During June the six scheduled carriers transported 536,133 revenue passengers and 8,989 tons of revenue goods which amounted to 88.4 per cent of the total number of passengers and 69.0 per cent of the total weight of revenue goods carried by all Canadian carriers. Operating revenues of scheduled carriers amounted to \$32,534,658 or 87.0 per cent of all Canadian carrier revenues. Operating expenses of scheduled carriers amounted to \$27,112,635 or 89.7 per cent of all Canadian air carrier expenses. June 1964 figures for the proportion of operations attributable to scheduled carriers as a percentage of all Canadian carriers were as follows: Passengers carried 88.5 per cent, tons of goods carried 62.4 per cent, operating revenues 88.1 per cent and operating expenses 89.2 per cent.

Revenue passenger-miles performed by Canadian carriers in international unit toll service in June amounted to 183,928,705 or 42.3 per cent of the total unit toll passenger-miles performed by Canadian carriers. International services performed by Canadian carriers calculated according to passenger-miles travelled were divided by area as follows:

| <u>Area</u>                    | <u>Percentage</u> |
|--------------------------------|-------------------|
| Trans-Border .....             | 20.1              |
| Trans-Atlantic and Polar ..... | 58.6              |
| Southern .....                 | 11.2              |
| Pacific and Orient .....       | 10.1              |
| Total .....                    | 100.0             |

### Foreign Carriers

Foreign carriers licensed to operate in Canada transported 121,935 revenue passengers during June, an increase of 12.4 per cent over June 1964. Weight of revenue goods carried totalled 1,431 tons, an increase of 13.0 per cent over the same period in 1964. Foreign carriers report hours and miles flown over Canadian territory only. Statistics concerning passengers and goods in transit have been excluded.

### Cumulative Figures for the Year to Date (Canadian Carriers)

Compared with the same period in 1964 the first six months of 1965 showed an increase of 12.7 per cent to 3,354,361 in the number of revenue passengers carried while the weight of revenue goods carried rose 10.9 per cent to 63,612 tons. Passenger-miles performed by Canadian carriers totalled 2,096,827,618 while goods ton-miles totalled 58,883,698 for the first six months of the year. Operating revenues increased 17.2 per cent to \$174,767,907 while operating expenses increased 13.1 per cent to \$167,342,720.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

June 1965

|                                      | Canadian carriers  |              |                        |           |                        | Total Canadian carriers | Foreign carriers(2)       |             | Grand total all carriers | Year to date |
|--------------------------------------|--------------------|--------------|------------------------|-----------|------------------------|-------------------------|---------------------------|-------------|--------------------------|--------------|
|                                      | Scheduled carriers |              | Non-scheduled carriers |           | United States carriers |                         | Other Foreign carriers(3) |             |                          |              |
|                                      | Group I and II(1)  | Group III(1) | Group IV               | Total     |                        |                         |                           |             |                          |              |
| Number of carriers reporting ...     | 6                  | 15           | 51                     | 66        | 72                     | 10                      | 9                         | 91          | ..                       |              |
| Revenue transportation services:     |                    |              |                        |           |                        |                         |                           |             |                          |              |
| Unit toll:                           |                    |              |                        |           |                        |                         |                           |             |                          |              |
| Departures .....                     | 19,816             | 3,041        | 728                    | 3,769     | 23,585                 | ..                      | ..                        | ..          | ..                       |              |
| Hours flown .....                    | 26,031             | 2,628        | 292                    | 2,920     | 28,951                 | 345                     | 1,541                     | 30,837      | 163,948                  |              |
| Miles scheduled .....                | 6,698,177          | ...          | ...                    | ...       | 6,698,177              | 89,840                  | 592,478                   | 7,380,495   | 38,915,478               |              |
| Miles flown:(4)                      |                    |              |                        |           |                        |                         |                           |             |                          |              |
| Scheduled .....                      | 6,838,604          | ...          | ...                    | ...       | 6,838,604              | 88,801                  | 600,147                   | 7,527,552   | 39,490,337               |              |
| Non-scheduled .....                  | 334,783            | 307,022      | 34,700                 | 341,722   | 676,505                | -                       | -                         | 676,505     | 3,804,693                |              |
| Totals .....                         | 7,173,387          | 307,022      | 34,700                 | 341,722   | 7,515,109              | 88,801                  | 600,147                   | 8,204,057   | 43,295,030               |              |
| Passengers carried .....             | 514,170            | 12,489       | 2,488                  | 14,977    | 529,147                | 76,106                  | 39,733                    | 644,986     | 3,324,968                |              |
| Goods carried:                       |                    |              |                        |           |                        |                         |                           |             |                          |              |
| Cargo .....                          | 11,795,221         | 448,542      | 55,256                 | 503,798   | 12,299,019             | 1,058,837               | 1,812,617                 | 15,334,074  | 81,512,616               |              |
| Excess baggage .....                 | 154,985(5)         | 3,521        | 5,095                  | 8,616     | 163,601                | -                       | -                         | -           | -                        |              |
| Mail .....                           | 4,014,677          | 76,578       | 16,884                 | 93,462    | 4,108,139              | 165,530                 | 150,680                   | 4,424,349   | 26,837,998               |              |
| Totals .....                         | 15,964,883         | 528,641      | 77,235                 | 605,876   | 16,570,759             | 1,224,367               | 1,963,297                 | 19,758,423  | 108,350,614              |              |
| Passenger-miles .....                | 433,553,903        | 1,371,863    | 149,533                | 1,521,396 | 435,075,299            | 3,188,092               | 34,751,892                | 473,015,283 | 2,305,146,700            |              |
| Goods ton-miles:                     |                    |              |                        |           |                        |                         |                           |             |                          |              |
| Cargo .....                          | 6,487,760          | 28,298       | 10,472                 | 38,770    | 6,526,530              | 23,937                  | 688,473                   | 7,555,955   | 42,939,162               |              |
| Excess baggage .....                 | 313,850            | 3,036        | 129                    | 3,165     | 317,015                | -                       | -                         | -           | -                        |              |
| Mail .....                           | 1,749,016          | 14,445       | 737                    | 15,182    | 1,764,198              | 3,455                   | 62,401                    | 1,830,054   | 10,724,464               |              |
| Totals .....                         | 8,550,626          | 45,779       | 11,338                 | 57,117    | 8,607,743              | 27,392                  | 750,874                   | 9,386,009   | 53,663,626               |              |
| Bulk:                                |                    |              |                        |           |                        |                         |                           |             |                          |              |
| Departures .....                     | 3,993              | 9,622        | 19,323                 | 28,945    | 32,938                 | ..                      | ..                        | ..          | ..                       |              |
| Hours flown .....                    | 5,187              | 12,799       | 19,517                 | 32,316    | 37,503                 | 6                       | 187                       | 37,696      | 123,094                  |              |
| Miles flown .....                    | 1,006,508          | 789,588      | 1,538,709              | 2,328,297 | 3,334,805              | 1,100                   | 65,332                    | 3,401,237   | 12,461,662               |              |
| Passengers carried .....             | 21,963             | 21,151       | 34,151                 | 55,302    | 77,265                 | 535                     | 5,561                     | 83,361      | 268,055                  |              |
| Freight carried .....                | 2,013,391          | 3,891,027    | 3,565,939              | 7,456,966 | 9,470,357              | -                       | -                         | 9,470,357   | 49,088,004               |              |
| Passenger-miles(6) .....             | 54,961,892         | 1,147,232    | 224,254                | 1,371,486 | 56,333,378             | ..                      | ..                        | ..          | ..                       |              |
| Goods ton-miles(6) .....             | 442,561            | 274,364      | 410,065                | 684,429   | 1,126,990              | -                       | -                         | -           | -                        |              |
| Revenue non-transportation services: |                    |              |                        |           |                        |                         |                           |             |                          |              |
| Specialty flying - Hours flown "     | 288                | 6,446        | 9,070                  | 15,516    | 15,804                 | -                       | -                         | 15,804      | 56,612                   |              |

See footnotes at end of table.



TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

June 1965

|                                    | Canadian carriers                        |                        |           |           |                         | Foreign carriers(2)    |                           |           | Grand total all carriers | Year to date |
|------------------------------------|--|------------------------|-----------|-----------|-------------------------|------------------------|---------------------------|-----------|--------------------------|--------------|
|                                    | Scheduled carriers<br>Groups I and II(1) | Non-scheduled carriers |           |           | Total Canadian carriers | United States carriers | Other Foreign carriers(3) |           |                          |              |
|                                    |  | Group III(1)           | Group IV  | Total     |                         |                        |                           |           |                          |              |
| Total - All services:              |  |                        |           |           |                         |                        |                           |           |                          |              |
| Revenue:                           |  |                        |           |           |                         |                        |                           |           |                          |              |
| Traffic, miles and hours: (7)      |  |                        |           |           |                         |                        |                           |           |                          |              |
| Departures .....                   | 23,809                                   | 12,663                 | 20,051    | 32,714    | 56,523                  |                        |                           |           |                          |              |
| Hours flown .....                  | 31,506                                   | 21,873                 | 28,879    | 50,752    | 82,258                  |                        | 351                       | 1,728     | 84,337                   | 343,654      |
| Miles flown .....                  | 8,179,895                                | 1,096,610              | 1,573,409 | 2,670,019 | 10,849,914              |                        | 89,901                    | 665,479   | 11,605,294               | 55,736,692   |
| Passengers carried .....           | 536,133                                  | 33,640                 | 36,639    | 70,279    | 606,412                 |                        | 76,641                    | 45,294    | 728,347                  | 3,593,023    |
| Cargo carried .....                | 13,808,612                               | 4,339,569              | 3,621,195 | 7,960,764 | 21,932,977 (8)          |                        | 1,058,837                 | 1,812,617 | 24,804,431               | 130,600,620  |
| Goods carried .....                | 17,978,274                               | 4,419,668              | 3,643,174 | 8,062,842 | 26,041,116              |                        | 1,224,367                 | 1,963,297 | 29,228,780               | 157,438,618  |
| Passenger-miles(6) .....           | 488,515,795                              | 2,519,095              | 373,787   | 2,892,882 | 491,408,677             |                        |                           |           |                          |              |
| Goods ton-miles(6) .....           | 8,993,187                                | 320,143                | 421,403   | 741,546   | 9,734,733               |                        |                           |           |                          |              |
| Non-revenue:                       |  |                        |           |           |                         |                        |                           |           |                          |              |
| Hours flown .....                  | 1,135                                    | 626                    | 853       | 1,479     | 2,614                   |                        | 4                         | -         | 2,618                    | 13,991       |
| Passengers carried .....           | 3,243(5)                                 | 6                      | 40        | 46        | 3,289                   |                        | 1,157                     | 546       | 4,992                    | 25,596       |
| Goods carried .....                | 227,469(5)                               | 1,624                  | 2,350     | 3,974     | 231,443                 |                        | 14,366                    | 83,372    | 329,181                  | 1,870,523    |
| Passenger-miles .....              | 17,348,584                               | 780                    | -         | 780       | 17,349,364              |                        | 50,280                    | 428,689   | 17,828,333               | 103,441,666  |
| Goods ton-miles .....              | 729,539                                  | 150                    | -         | 150       | 729,689                 |                        | 362                       | 27,379    | 757,430                  | 4,100,436    |
| Fuel and oil consumed:             |  |                        |           |           |                         |                        |                           |           |                          |              |
| Turbo fuel - Quantity .....        | 19,848,854                               | -                      | 19,300    | 19,300    | 19,868,154              |                        | 114,472                   | 3,954,583 | 23,937,209               | 120,574,630  |
| Cost .....                         | 2,722,272                                | -                      | 6,046     | 6,046     | 2,728,318               |                        | 19,735                    | 619,668   | 3,367,721                | 21,563,621   |
| Gasoline - Quantity .....          | 1,404,397                                | 590,688                | 433,944   | 1,024,632 | 2,429,029               |                        | 6,514                     | 27,709    | 2,463,232                | 11,786,709   |
| Cost .....                         | 461,542                                  | 236,592                | 202,940   | 439,532   | 901,074                 |                        | 2,500                     | 6,374     | 909,948                  | 4,260,252    |
| Turbo oil - Quantity .....         | 4,232                                    | -                      | 3         | 3         | 4,235                   |                        | 26                        | 92        | 4,353                    | 23,596       |
| Cost .....                         | 38,467                                   | -                      | 45        | 45        | 38,512                  |                        | 147                       | 808       | 39,467                   | 222,010      |
| Other oil - Quantity .....         | 17,087                                   | 7,946                  | 6,272     | 14,218    | 31,305                  |                        | 107                       | 17        | 31,429                   | 143,134      |
| Cost .....                         | 19,299                                   | 11,713                 | 10,051    | 21,764    | 41,063                  |                        | 57                        | 16        | 41,136                   | 182,448      |
| Average number of employees:       |  |                        |           |           |                         |                        |                           |           |                          |              |
| Pilots and co-pilots .....         | 1,124                                    | 333                    | 375       | 708       | 1,832                   |                        |                           |           |                          |              |
| Other flight personnel .....       | 1,298                                    | 6                      | 59        | 65        | 1,363                   |                        |                           |           |                          |              |
| General management .....           | 324                                      | 94                     | 99        | 193       | 517                     |                        |                           |           |                          |              |
| Maintenance labour .....           | 3,770                                    | 316                    | 259       | 575       | 4,345                   |                        |                           |           |                          |              |
| Aircraft & traffic servicing ..... | 5,566                                    | 82                     | 44        | 126       | 5,692                   |                        |                           |           |                          |              |
| Other personnel .....              | 4,738                                    | 141                    | 275       | 416       | 5,154                   |                        |                           |           |                          |              |
| Totals .....                       | 16,820                                   | 972                    | 1,111     | 2,083     | 18,903                  |                        | 285                       | 679       | 19,867                   | 19,134       |
| Salaries and wages paid:           |  |                        |           |           |                         |                        |                           |           |                          |              |
| Pilots and co-pilots .....         | 1,382,626                                | 286,592                | 261,387   | 547,979   | 1,930,605               |                        |                           |           |                          |              |
| Other flight personnel .....       | 588,243                                  | 3,488                  | 26,470    | 29,958    | 618,201                 |                        |                           |           |                          |              |
| General management .....           | 291,920                                  | 68,035                 | 61,086    | 129,121   | 421,041                 |                        |                           |           |                          |              |
| Maintenance labour .....           | 2,021,835                                | 150,409                | 124,615   | 275,024   | 2,296,859               |                        |                           |           |                          |              |
| Aircraft & traffic servicing ..... | 2,670,997                                | 21,767                 | 12,360    | 34,127    | 2,705,124               |                        |                           |           |                          |              |
| Other personnel .....              | 2,441,967                                | 58,135                 | 90,284    | 148,419   | 2,590,386               |                        |                           |           |                          |              |
| Totals .....                       | 9,397,588                                | 588,426                | 576,202   | 1,164,628 | 10,562,216              |                        | 152,918                   | 344,085   | 11,059,219               | 64,202,908   |

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

(2) See "Foreign Carriers", page 7, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Air Canada.

(6) Excludes chartered aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(7) These data exclude non-transportation services, except for hours flown.

(8) Includes excess baggage.

(9) Data in Tables 4, 5, 6, 7, 8 and 9 included in this table.



TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group

June 1965

|                                       | Scheduled carriers |             |            | Non-scheduled carriers |           |           | Grand total | Year to date |
|---------------------------------------|--------------------|-------------|------------|------------------------|-----------|-----------|-------------|--------------|
|                                       | Group I            | Group II(1) | Total      | Non-scheduled carriers |           |           |             |              |
|                                       |                    |             |            | Group III(1)           | Group IV  | Total     |             |              |
| dollars                               |                    |             |            |                        |           |           |             |              |
| Operating revenues:                   |                    |             |            |                        |           |           |             |              |
| Unit toll transportation:             |                    |             |            |                        |           |           |             |              |
| Passengers .....                      | 24,913,068         | 1,201,960   | 26,115,028 | 236,245                | 26,283    | 262,528   | 26,377,556  | 129,448,825  |
| Express .....                         | 405,509            | 18,280      | 423,789    | 7,735                  | 663       | 8,398     | 432,187     | 2,459,676    |
| Freight .....                         | 1,448,143          | 248,575     | 1,696,718  | 31,133                 | 2,663     | 33,796    | 1,730,514   | 9,812,954    |
| Excess baggage .....                  | 172,687            | 20,538      | 193,225    | 3,769                  | 385       | 4,154     | 197,379     | 913,217      |
| Mail .....                            | 1,328,768          | 118,772     | 1,447,540  | 24,819                 | 3,091     | 27,910    | 1,475,450   | 9,121,794    |
| Total unit toll transportation ..     | 28,268,175         | 1,608,125   | 29,876,300 | 303,701                | 33,085    | 336,786   | 30,213,086  | 151,756,466  |
| Bulk transportation .....             |                    |             |            |                        |           |           |             |              |
| Total transportation .....            | 1,523,183          | 871,572     | 2,394,755  | 1,337,056              | 1,652,967 | 2,990,023 | 5,384,778   | 17,510,228   |
| Other flying services .....           | 29,791,358         | 2,479,697   | 32,271,055 | 1,640,757              | 1,686,052 | 3,326,809 | 35,597,864  | 169,266,694  |
| Total flying services .....           | 13,191             | 75,546      | 88,737     | 714,333                | 383,418   | 1,097,751 | 1,186,488   | 3,234,408    |
| Non-flying services .....             | 29,804,549         | 2,555,243   | 32,359,792 | 2,355,090              | 2,069,470 | 4,424,560 | 36,784,352  | 172,500,702  |
| Total operating revenues .....        | 150,285            | 24,581      | 174,866    | 133,207                | 289,936   | 423,143   | 598,009     | 2,267,205    |
| Total operating revenues .....        | 29,954,834         | 2,579,824   | 32,534,658 | 2,488,297              | 2,359,406 | 4,847,703 | 37,382,361  | 174,767,907  |
| Operating expenses:                   |                    |             |            |                        |           |           |             |              |
| Flying operations .....               | 6,248,947          | 880,919     | 7,129,866  | 569,351                | 743,506   | 1,312,857 | 8,442,723   | 44,160,132   |
| Maintenance .....                     | 4,890,895          | 714,341     | 5,605,236  | 494,408                | 441,930   | 936,338   | 6,541,574   | 37,284,657   |
| General services and administration:  |                    |             |            |                        |           |           |             |              |
| Passenger service .....               | 2,287,131          | 98,459      | 2,385,590  | ..                     | ..        | ..        | ..          | ..           |
| Aircraft and traffic servicing ..     | 3,374,039          | 319,479     | 3,693,518  | ..                     | ..        | ..        | ..          | ..           |
| Promotion and sales .....             | 4,365,945          | 148,975     | 4,514,920  | ..                     | ..        | ..        | ..          | ..           |
| General administration .....          | 952,049            | 139,665     | 1,091,714  | ..                     | ..        | ..        | ..          | ..           |
| Totals .....                          | 10,979,164         | 706,578     | 11,685,742 | 261,382                | 234,867   | 496,249   | 12,181,991  | 67,816,894   |
| Depreciation and amortization .....   | 2,576,833          | 114,958     | 2,691,791  | 242,529                | 112,513   | 355,042   | 3,046,833   | 18,081,037   |
| Total operating expenses .....        | 24,695,839         | 2,416,796   | 27,112,635 | 1,567,670              | 1,532,816 | 3,100,486 | 30,213,121  | 167,342,720  |
| Operating income (loss) .....         | 5,258,995          | 163,028     | 5,422,023  | 920,627                | 826,590   | 1,747,217 | 7,169,240   | 7,425,187    |
| Non-operating income - Net:           |                    |             |            |                        |           |           |             |              |
| Capital gains and losses .....        | -                  | 1,255       | 1,255      | 16,336                 | 1,610     | 17,946    | 19,201      | 316,661      |
| Interest and discounts .....          | 240,907            | 681         | 241,588    | 299                    | 5,926     | 6,225     | 247,813     | 1,273,769    |
| Miscellaneous non-operating income .. | 8,580              | 3,455       | 12,035     | 6,593                  | 4,206     | 10,799    | 1,236       | 267,357      |
| Income before interest expense .....  | 5,491,322          | 161,509     | 5,652,831  | 943,855                | 838,332   | 1,782,187 | 7,435,018   | 8,748,260    |
| Interest expense .....                | 926,384            | 65,483      | 991,867    | 43,799                 | 29,851    | 73,650    | 1,065,517   | 6,360,066    |
| Income before income taxes .....      | 4,564,938          | 96,026      | 4,660,964  | 900,056                | 808,481   | 1,708,537 | 6,369,501   | 2,368,194    |
| Provision for income taxes .....      | -                  | 50,456      | 50,456     | 30,815                 | 30,201    | 61,016    | 111,472     | 231,658      |
| Net income after income taxes .....   | 4,564,938          | 45,570      | 4,610,508  | 869,241                | 778,280   | 1,647,521 | 6,258,029   | 2,136,536    |

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

(2) Data in Tables 3, 8 and 10 included in this table.

TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

June 1965

|                                       | Air<br>Canada | Canadian<br>Pacific<br>Air Lines | Eastern<br>Provincial<br>Airways<br>(1963) | Pacific<br>Western<br>Airlines | Quebecair<br>Inc. | Transair<br>Ltd. | Total      | Year<br>to<br>date |
|---------------------------------------|---------------|----------------------------------|--|--------------------------------|-------------------|------------------|------------|--------------------|
| dollars                               |               |                                  |  |                                |                   |                  |            |                    |
| Operating revenues:                   |               |                                  |  |                                |                   |                  |            |                    |
| Unit toll transportation:             |               |                                  |  |                                |                   |                  |            |                    |
| Passengers .....                      | 19,939,822    | 4,973,246                        | 180,359                                    | 518,806                        | 312,925           | 189,870          | 26,115,028 | 128,072,193        |
| Express .....                         | 378,823       | 26,686                           | 2,895                                      | 12,128                         | -                 | 3,257            | 423,789    | 2,400,412          |
| Freight .....                         | 1,067,948     | 380,195                          | 75,713                                     | 104,316                        | 40,364            | 28,182           | 1,696,718  | 9,370,371          |
| Excess baggage .....                  | 129,849       | 42,838                           | 2,751                                      | 9,991                          | 5,264             | 2,532            | 193,223    | 868,114            |
| Mail .....                            | 1,029,177     | 299,591                          | 31,725                                     | 48,258                         | 7,716             | 31,073           | 1,447,540  | 8,737,542          |
| Total unit toll transportation ..     | 22,545,619    | 5,722,556                        | 293,443                                    | 693,499                        | 366,269           | 254,914          | 29,876,300 | 149,468,632        |
| Bulk transportation .....             | 890,809       | 632,374                          | 92,443                                     | 558,670                        | 6,947             | 213,512          | 2,394,755  | 6,532,439          |
| Total transportation .....            | 23,436,428    | 6,354,930                        | 385,886                                    | 1,252,169                      | 373,216           | 468,426          | 32,271,055 | 156,001,071        |
| Other flying services .....           | 13,191        | -                                | 75,038                                     | -                              | -                 | 508              | 88,737     | 236,450            |
| Total flying services .....           | 23,449,619    | 6,354,930                        | 460,924                                    | 1,252,169                      | 373,216           | 468,934          | 32,359,792 | 156,237,521        |
| Non-flying services .....             | 22,215        | 128,070                          | 3,819                                      | 2,601                          | 8,131             | 10,030           | 1,377,888  | 157,615,409        |
| Total operating revenues .....        | 23,471,834    | 6,483,000                        | 464,743                                    | 1,254,770                      | 381,347           | 478,964          | 32,534,658 |                    |
| Operating expenses:                   |               |                                  |  |                                |                   |                  |            |                    |
| Flying operations .....               | 4,373,733     | 1,875,214                        | 158,426                                    | 484,523                        | 81,900            | 156,070          | 7,129,866  | 37,477,812         |
| Maintenance .....                     | 3,980,432     | 910,463                          | 172,291                                    | 293,836                        | 95,896            | 152,318          | 5,605,236  | 32,115,643         |
| General services and administrations: |               |                                  |  |                                |                   |                  |            |                    |
| Passenger service .....               | 1,811,474     | 475,657                          | 13,663                                     | 57,869                         | 13,100            | 13,827           | 2,385,590  | 12,299,362         |
| Aircraft and traffic servicing .....  | 2,790,181     | 583,858                          | 91,258                                     | 177,135                        | 31,635            | 19,451           | 3,693,518  | 21,781,801         |
| Promotion and sales .....             | 3,224,192     | 1,141,753                        | 10,553                                     | 50,090                         | 55,109            | 33,223           | 4,514,920  | 23,935,919         |
| General administration .....          | 765,566       | 186,483                          | 28,000                                     | 64,156                         | 27,860            | 19,669           | 1,091,714  | 6,530,673          |
| Totals .....                          | 8,591,413     | 2,387,751                        | 143,474                                    | 349,250                        | 127,704           | 86,150           | 11,685,742 | 64,567,755         |
| Depreciation and amortization .....   | 2,396,637     | 180,196                          | 46,477                                     | 31,308                         | 23,223            | 13,950           | 2,691,791  | 16,567,726         |
| Total operating expenses .....        | 19,342,215    | 5,353,624                        | 520,668                                    | 1,158,917                      | 328,723           | 408,488          | 27,112,635 | 150,708,936        |
| Operating income (loss) .....         | 4,129,619     | 1,129,376                        | Dr.  | 95,853                         | 52,624            | 70,476           | 5,422,023  | 6,906,473          |
| Non-operating income - Net:           |               |                                  |  |                                |                   |                  |            |                    |
| Capital gains and losses .....        | -             | -                                | -  | Dr.                            | -                 | 1,268            | 1,255      | 72,060             |
| Interest and discounts .....          | 191,767       | 49,140                           | 21   | -                              | -                 | 660              | 241,588    | 1,245,480          |
| Miscellaneous non-operating income .. | Dr.           | 3,030                            | 13   | 650                            | Dr.               | 1,516            | 12,035     | Dr.                |
| Income before interest expense .....  | 4,318,356     | 1,172,966                        | Dr.  | 96,490                         | 50,022            | 70,888           | 5,652,831  | 7,892,040          |
| Interest expense .....                | 926,364       | -                                | 30,254                                     | 9,495                          | 21,420            | 4,314            | 991,867    | 5,938,564          |
| Income before income taxes .....      | 3,391,972     | 1,172,966                        | Dr.  | 86,995                         | 28,602            | 66,574           | 4,660,964  | 1,953,476          |
| Provision for income taxes .....      | -             | -                                | -  | 50,456                         | -                 | -                | 50,456     | 50,456             |
| Net income after income taxes .....   | 3,391,972     | 1,172,966                        | Dr.  | 36,539                         | 28,602            | 66,574           | 4,610,508  | 1,903,020          |

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

June 1965

|   | Group I carriers |                            |             | Group II carriers                 |                             |                    |                   |            | Grand total |
|---|------------------|----------------------------|-------------|-----------------------------------|-----------------------------|--------------------|-------------------|------------|-------------|
|   | Air Canada       | Canadian Pacific Air Lines | Total       | Eastern Provincial Airways (1963) | Pacific Western Airlines(1) | Quebecair Inc. (1) | Transair Ltd. (1) | Total (1)  |             |
| Revenue transportation services:                      |                  |                            |             |                                   |                             |                    |                   |            |             |
| Unit toll:  |                  |                            |             |                                   |                             |                    |                   |            |             |
| Departures .....                                      | 12,847           | 1,965                      | 14,812      | 968                               | 1,669                       | 1,153              | 1,214             | 5,004      | 19,816      |
| Hours flown .....                                     | 17,285           | 3,593                      | 20,878      | 946                               | 1,867                       | 941                | 1,399             | 5,153      | 26,031      |
| Miles scheduled .....                                 | 4,985,328        | 1,281,664                  | 6,266,992   | 19,070                            | 221,576                     | 104,718            | 85,821            | 431,185    | 6,698,177   |
| Miles flown:  |                  |                            |             |                                   |                             |                    |                   |            |             |
| Scheduled - Regular .....                             | 4,961,573        | 1,264,976                  | 6,226,549   | 19,070                            | 220,598                     | 101,467            | 84,902            | 426,037    | 6,652,586   |
| Extra section .....                                   | 138,685          | 8,395                      | 147,080     | 1,312                             | 14,115                      | 1,327              | 22,184            | 38,938     | 186,018     |
| Non-scheduled .....                                   | -                | -                          | -           | 124,716                           | 63,881                      | 58,284             | 87,902            | 334,783    | 334,783     |
| Totals .....  | 5,100,258        | 1,273,371                  | 6,373,629   | 145,098                           | 298,594                     | 161,078            | 194,988           | 799,758    | 7,173,387   |
| Ratio of regular miles flown to miles scheduled ..... | 99.5             | 98.7                       | 99.4        | 100.0                             | 99.6                        | 96.9               | 98.9              | 98.8       | 99.3        |
| Passengers carried .....                              | 417,089          | 51,564                     | 468,653     | 7,282                             | 21,306                      | 10,509             | 6,420             | 45,517     | 514,170     |
| Goods carried:  |                  |                            |             |                                   |                             |                    |                   |            |             |
| Freight .....   | 7,639,444        | 943,415                    | 8,582,859   | 647,250                           | 1,001,598                   | 182,208            | 170,163           | 2,001,219  | 10,584,078  |
| Express .....   | 1,010,726        | 119,505                    | 1,130,231   | 22,282                            | 43,889                      | -                  | 14,741            | 80,912     | 1,211,143   |
| Excess baggage .....                                  | -                | 61,266                     | 61,266(2)   | 13,034                            | 38,948                      | 27,733             | 14,004            | 93,719     | 154,985     |
| Mail .....  | 3,327,524        | 234,393                    | 3,561,917   | 135,454                           | 160,381                     | 37,210             | 119,715           | 452,760    | 4,014,677   |
| Totals .....  | 11,977,694       | 1,358,579                  | 13,336,273  | 818,020                           | 1,244,816                   | 247,151            | 318,623           | 2,628,610  | 15,964,883  |
| Passenger-miles:                                      |                  |                            |             |                                   |                             |                    |                   |            |             |
| Scheduled .....                                       | 334,459,125      | 85,831,638                 | 420,290,763 | 231,780                           | 5,173,063                   | 2,234,512          | 1,787,277         | 9,426,632  | 429,717,395 |
| Non-scheduled .....                                   | -                | -                          | -           | 1,896,643                         | 360,744                     | 1,247,912          | 331,209           | 3,836,508  | 3,836,508   |
| Totals .....  | 334,459,125      | 85,831,638                 | 420,290,763 | 2,128,423                         | 5,533,807                   | 3,482,424          | 2,118,486         | 13,263,140 | 433,553,903 |
| Available seat-miles on scheduled services .....      | 492,107,953      | 153,106,069                | 645,214,022 | 566,610                           | 12,733,655                  | 3,555,536          | 4,030,856         | 20,886,657 | 666,100,679 |
| Passenger load factor on scheduled services .....     | 68.0             | 56.1                       | 65.1        | 40.9                              | 40.6                        | 62.8               | 44.3              | 45.1       | 64.5        |
| Goods ton-miles:                                      |                  |                            |             |                                   |                             |                    |                   |            |             |
| Freight - Scheduled .....                             | 4,335,199        | 1,217,549                  | 5,552,748   | 3,144                             | 220,518                     | 20,749             | 13,022            | 257,433    | 5,810,181   |
| Non-scheduled .....                                   | -                | -                          | -           | 177,160                           | 8,481                       | 9,769              | 21,280            | 216,690    | 216,690     |
| Totals .....  | 4,335,199        | 1,217,549                  | 5,552,748   | 180,304                           | 228,999                     | 30,518             | 34,302            | 474,123    | 6,026,871   |
| Express - Scheduled .....                             | 411,836          | 31,196                     | 443,032     | 513                               | 11,258                      | -                  | 2,836             | 14,607     | 457,639     |
| Non-scheduled .....                                   | -                | -                          | -           | 2,919                             | -                           | -                  | 331               | 3,250      | 3,250       |
| Totals .....  | 411,836          | 31,196                     | 443,032     | 3,432                             | 11,258                      | -                  | 3,167             | 17,857     | 460,889     |

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Continued

June 1965

|   | Group I carriers |                            |             | Group II carriers                 |                              |                    |                   | Grand total |
|---|------------------|----------------------------|-------------|-----------------------------------|------------------------------|--------------------|-------------------|-------------|
|   | Air Canada       | Canadian Pacific Air Lines | Total       | Eastern Provincial Airways (1963) | Pacific Western Airlines (1) | Quebecair Inc. (1) | Transair Ltd. (1) |             |
| Revenue transportation services - Concluded:                              |                  |                            |             |                                   |                              |                    |                   |             |
| Unit toll - Concluded:  |                  |                            |             |                                   |                              |                    |                   |             |
| Goods ton-miles - Concluded:  |                  |                            |             |                                   |                              |                    |                   |             |
| Excess baggage - Scheduled .....  | 233,217          | 63,146                     | 296,363     | 120                               | 7,175                        | 2,664              | 1,538             | 307,860     |
| Non-scheduled .....   | -                | -                          | -           | 2,824                             | 253                          | 2,058              | 855               | 5,990       |
| Totals .....  | 233,217          | 63,146                     | 296,363     | 2,944                             | 7,428                        | 4,722              | 2,393             | 313,850     |
| Mail - Scheduled .....  | 1,422,791        | 242,309                    | 1,665,100   | 2,357                             | 41,773                       | 3,906              | 5,509             | 1,718,645   |
| Non-scheduled .....   | -                | -                          | -           | 18,752                            | 307                          | 1,702              | 9,610             | 30,371      |
| Totals .....  | 1,422,791        | 242,309                    | 1,665,100   | 21,109                            | 42,080                       | 5,608              | 15,119            | 1,749,016   |
| Total - Scheduled .....   | 6,403,043        | 1,554,200                  | 7,957,243   | 6,134                             | 280,724                      | 27,319             | 22,905            | 8,294,225   |
| Non-scheduled .....   | -                | -                          | -           | 201,655                           | 9,041                        | 13,529             | 32,076            | 256,301     |
| Totals .....  | 6,403,043        | 1,554,200                  | 7,957,243   | 207,789                           | 289,765                      | 40,848             | 54,981            | 8,550,626   |
| Available ton-miles on scheduled services .....                           | 75,800,747       | 19,762,757                 | 95,563,504  | 50,196                            | 1,541,346                    | 353,658            | 414,567           | 97,923,271  |
| Weight load factor on scheduled services(3) .....                         | 52.6             | 51.3                       | 52.3        | 58.4                              | 51.8                         | 70.9               | 48.6              | 52.4        |
| Bulk:   |                  |                            |             |                                   |                              |                    |                   |             |
| Departures .....  | 138              | 114                        | 252         | 686                               | 2,517                        | 27                 | 511               | 3,993       |
| Hours flown .....   | 543              | 571                        | 1,114       | 804                               | 2,399                        | 33                 | 837               | 5,187       |
| Miles flown .....   | 253,576          | 210,955                    | 464,531     | 71,355                            | 332,868                      | 4,872              | 132,862           | 1,006,503   |
| Passengers carried .....  | 7,820            | 5,205                      | 13,025      | 890                               | 6,048                        | 56                 | 1,944             | 21,963      |
| Freight carried .....   | -                | -                          | -           | 135,737                           | 1,287,722                    | 2,346              | 587,586           | 2,013,391   |
| Passenger-miles(4) .....  | 25,434,886       | 18,266,300                 | 43,701,186  | 124,708                           | 9,807,739                    | 45,899             | 1,282,360         | 54,961,892  |
| Goods ton-miles(4) .....  | -                | -                          | -           | 7,323                             | 79,962                       | -                  | 355,276           | 442,561     |
| Revenue non-transportation services: Specialty flying - Hours flown ..... | 45               | -                          | 45          | 236                               | -                            | -                  | 7                 | 288         |
| Total - All services:   |                  |                            |             |                                   |                              |                    |                   |             |
| Traffic, hours and miles:(5)  |                  |                            |             |                                   |                              |                    |                   |             |
| Revenue:  |                  |                            |             |                                   |                              |                    |                   |             |
| Departures .....  | 12,985           | 2,079                      | 15,064      | 1,654                             | 4,186                        | 1,180              | 1,725             | 23,809      |
| Hours flown .....   | 17,873           | 4,164                      | 22,037      | 1,986                             | 4,266                        | 974                | 2,243             | 31,506      |
| Miles flown .....   | 5,353,834        | 1,484,326                  | 6,838,160   | 216,453                           | 631,482                      | 165,453            | 327,850           | 8,179,895   |
| Passengers carried .....  | 424,909          | 56,769                     | 481,678     | 8,172                             | 27,354                       | 10,565             | 8,364             | 536,133     |
| Cargo carried .....   | 8,650,170        | 1,062,920                  | 9,713,090   | 805,269                           | 2,333,209                    | 184,554            | 772,490           | 13,808,612  |
| Goods carried .....   | 11,977,694       | 1,358,579                  | 13,336,273  | 953,757                           | 2,532,538                    | 249,497            | 906,209           | 17,978,274  |
| Passenger-miles(4) .....  | 359,894,011      | 104,097,938                | 463,991,949 | 2,253,131                         | 15,344,546                   | 3,528,323          | 3,400,846         | 488,515,795 |
| Goods ton-miles(4) .....  | 6,403,043        | 1,554,200                  | 7,957,243   | 215,112                           | 369,727                      | 40,848             | 410,257           | 8,993,187   |

See footnotes at end of table.



TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

June 1965

|  | Group I carriers |                            |            | Group II carriers                 |                             |                    |                   |           | Grand total |
|--|------------------|----------------------------|------------|-----------------------------------|-----------------------------|--------------------|-------------------|-----------|-------------|
|  | Air Canada       | Canadian Pacific Air Lines | Total      | Eastern Provincial Airways (1963) | Pacific Western Airlines(1) | Quebecair Inc. (1) | Transair Ltd. (1) | Total (1) |             |
| Total - All services - Concluded:        |                  |                            |            |                                   |                             |                    |                   |           |             |
| Traffic, hours and miles - Concluded:(5) |                  |                            |            |                                   |                             |                    |                   |           |             |
| Non-revenue:                             |                  |                            |            |                                   |                             |                    |                   |           |             |
| Hours flown .....                        | 313              | 111                        | 424        | 164                               | 420                         | 32                 | 95                | 711       | 1,135       |
| Passengers carried .....                 | "                | 1,903                      | 1,903      | 417                               | 621                         | 156                | 146               | 1,340     | 3,243(2)    |
| Goods carried .....                      | "                | 164,092                    | 164,092    | 13,984                            | 40,201                      | "                  | 9,192             | 63,377    | 227,669(2)  |
| Passenger-miles .....                    | 12,958,498       | 3,992,334                  | 16,950,832 | 133,983                           | 149,505                     | 45,145             | 69,099            | 397,732   | 17,346,584  |
| Goods ton-miles .....                    | 509,959          | 198,566                    | 708,525    | 6,940                             | 11,924                      | "                  | 2,150             | 21,014    | 729,539     |
| Fuel and oil consumed:                   |                  |                            |            |                                   |                             |                    |                   |           |             |
| Turbo fuel - Quantity .....              | 15,440,533       | 4,125,283                  | 19,565,816 | 79,994                            | "                           | 146,428            | 56,616            | 283,038   | 19,848,854  |
| Cost .....                               | 1,991,158        | 670,389                    | 2,661,547  | 16,799                            | "                           | 30,750             | 13,176            | 60,725    | 2,722,272   |
| Gasoline - Quantity .....                | "                | 447,541                    | 447,541    | 138,868                           | 611,095                     | 20,351             | 186,542           | 956,856   | 1,404,397   |
| Cost .....                               | "                | 121,990                    | 121,990    | 43,808                            | 217,471                     | 6,716              | 71,557            | 339,552   | 461,542     |
| Turbo oil - Quantity .....               | 2,807            | 722                        | 3,529      | 36                                | "                           | 661                | 6                 | 703       | 4,232       |
| Cost .....                               | 28,511           | 7,041                      | 35,552     | 540                               | "                           | 2,315              | 60                | 2,915     | 38,467      |
| Other oil - Quantity .....               | "                | 4,439                      | 4,439      | 2,134                             | 7,860                       | 630                | 2,024             | 12,648    | 17,087      |
| Cost .....                               | "                | 4,122                      | 4,122      | 2,667                             | 9,825                       | 504                | 2,181             | 15,177    | 19,299      |
| Average number of employees:             |                  |                            |            |                                   |                             |                    |                   |           |             |
| Pilots and co-pilots .....               | 651              | 227                        | 878        | 61                                | 105                         | 29                 | 51                | 246       | 1,124       |
| Other flight personnel .....             | 893              | 289                        | 1,182      | 15                                | 62                          | 16                 | 23                | 116       | 1,298       |
| General management .....                 | 68               | 112                        | 180        | 8                                 | 64                          | 52                 | 20                | 144       | 324         |
| Maintenance labour .....                 | 2,655            | 530                        | 3,185      | 211                               | 206                         | 72                 | 96                | 585       | 3,770       |
| Aircraft and traffic servicing .....     | 4,252            | 915                        | 5,167      | 110                               | 116                         | 110                | 63                | 399       | 5,566       |
| Other personnel .....                    | 3,879            | 728                        | 4,607      | 43                                | 27                          | 8                  | 53                | 131       | 4,738       |
| Total employees .....                    | 12,398           | 2,801                      | 15,199     | 448                               | 580                         | 287                | 306               | 1,621     | 16,820      |
| Salaries and wages:                      |                  |                            |            |                                   |                             |                    |                   |           |             |
| Pilots and co-pilots .....               | 872,384          | 298,259                    | 1,170,643  | 48,620                            | 98,636                      | 24,253             | 40,474            | 211,983   | 1,382,626   |
| Other flight personnel .....             | 399,861          | 146,786                    | 546,647    | 4,127                             | 25,738                      | 4,757              | 6,974             | 41,596    | 588,243     |
| General management .....                 | 123,918          | 283                        | 124,201    | 8,166                             | 28,785                      | 20,830             | 11,386            | 69,167    | 291,920     |
| Maintenance labour .....                 | 1,469,649        | 254,835                    | 1,724,484  | 95,914                            | 115,866                     | 38,144             | 47,427            | 297,351   | 2,021,835   |
| Aircraft and traffic servicing .....     | 2,087,847        | 400,347                    | 2,488,194  | 42,780                            | 71,788                      | 44,110             | 24,125            | 182,803   | 2,670,997   |
| Other personnel .....                    | 2,110,306        | 293,812                    | 2,404,118  | 17,672                            | 5,060                       | 5,560              | 9,557             | 37,849    | 2,441,967   |
| Total salaries and wages .....           | 7,063,965        | 1,492,874                  | 8,556,839  | 217,279                           | 345,873                     | 137,654            | 139,943           | 840,749   | 9,397,598   |

- (1) Routes included in scheduled or non-scheduled services according to predominant class of service.
- (2) Excludes Air Canada.
- (3) Standard passenger weight used: 200 pounds.
- (4) Excludes charter aircraft not having a maximum authorized take-off weight in excess of 18,000 pounds.
- (5) These data exclude non-transportation services, except for hours flown.

TABLE 5. Revenue Interline Traffic(1), Canadian Scheduled Carriers - All Services, by Company

June 1965

|                                | Air<br>Canada | Canadian<br>Pacific<br>Air Lines | Eastern<br>Provincial<br>Airways<br>(1963) | Pacific<br>Western<br>Airlines | Quebecair<br>Inc. | Transair<br>Ltd. | Total      |
|--------------------------------|---------------|----------------------------------|--|--------------------------------|-------------------|------------------|------------|
| <b>Passengers carried:</b>     |               |                                  |  |                                |                   |                  |            |
| Originated .....               | 341,646       | 42,965                           | 5,427                                      | 19,588                         | 10,509            | 5,360            | 425,495    |
| Domestic interline .....       | 75,443        | 4,172                            | 1,788                                      | -                              | -                 | -                | 85,638     |
| Foreign interline .....        | -             | 4,235                            | -  | -                              | -                 | -                | -          |
| Totals(2) .....                | 417,089       | 51,372                           | 7,215                                      | 19,588                         | 10,509            | 5,360            | 511,133    |
| <b>Express carried:</b>        |               |                                  |  |                                |                   |                  |            |
| Originated .....               | 1,010,726     | 119,505                          | 21,956                                     | 43,889                         | -                 | 14,741           | 1,210,817  |
| Domestic interline .....       | -             | -                                | -  | -                              | -                 | -                | -          |
| Foreign interline .....        | -             | -                                | -  | -                              | -                 | -                | -          |
| Totals(2) .....                | 1,010,726     | 119,505                          | 21,956                                     | 43,889                         | -                 | 14,741           | 1,210,817  |
| <b>Freight carried:</b>        |               |                                  |  |                                |                   |                  |            |
| Originated .....               | 7,639,444     | 786,984                          | 647,250                                    | 940,681                        | 182,208           | 81,749           | 10,278,316 |
| Domestic interline .....       | -             | 26,156                           | -  | -                              | -                 | -                | 26,156     |
| Foreign interline .....        | -             | 32,419                           | -  | -                              | -                 | -                | 32,419     |
| Totals(2) .....                | 7,639,444     | 845,559                          | 647,250                                    | 940,681                        | 182,208           | 81,749           | 10,336,891 |
| <b>Excess baggage carried:</b> |               |                                  |  |                                |                   |                  |            |
| Originated .....               | ..            | 61,266                           | 13,034                                     | 34,672                         | 27,733            | 8,970            | 145,675(3) |
| Domestic interline .....       | ..            | -                                | -  | -                              | -                 | -                | -          |
| Foreign interline .....        | ..            | -                                | -  | -                              | -                 | -                | -          |
| Totals(2) .....                | ..            | 61,266                           | 13,034                                     | 34,672                         | 27,733            | 8,970            | 145,675(3) |
| <b>Mail carried:</b>           |               |                                  |  |                                |                   |                  |            |
| Originated .....               | 3,327,524     | 234,393                          | 125,504                                    | 155,297                        | 37,210            | 28,574           | 3,908,502  |
| Domestic interline .....       | -             | -                                | -  | -                              | -                 | -                | -          |
| Foreign interline .....        | -             | -                                | -  | -                              | -                 | -                | -          |
| Totals(2) .....                | 3,327,524     | 234,393                          | 125,504                                    | 155,297                        | 37,210            | 28,574           | 3,908,502  |

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Board.

(2) Excludes division interline.

(3) Excludes Air Canada.



TABLE 6. Operating Statistics, Canadian International Carriers - All Revenue Services, by area of Service  
June 1965

| Unit toll:   | Trans-<br>Border<br>Services | Trans-<br>Atlantic<br>and Polar<br>Services | Southern<br>Services | Pacific<br>and<br>Orient<br>Services | Total<br>International<br>Services | Domestic<br>Services | Grand<br>total |
|--|------------------------------|---|----------------------|--------------------------------------|------------------------------------|----------------------|----------------|
| Departures .....   | 2,141                        | 622   | 370                  | 97                                   | 3,230                              | 11,582               | 14,812         |
| Hours flown .....  | 3,041                        | 2,592                                       | 1,042                | 617                                  | 7,292                              | 13,586               | 20,878         |
| Miles scheduled .....                                    | 699,549                      | 1,233,902                                   | 398,325              | 295,185                              | 2,626,961                          | 3,640,031            | 6,266,992      |
| Miles flown:   |                              |   |                      |                                      |                                    |                      |                |
| Scheduled - Regular .....                                | 696,503                      | 1,218,293                                   | 398,179              | 295,185                              | 2,608,160                          | 3,618,389            | 6,226,549      |
| Extra sections .....                                     | 5,425                        | 37,139                                      | -                    | -                                    | 42,564                             | 104,516              | 147,080        |
| Non-scheduled .....                                      | -                            | -   | -                    | -                                    | -                                  | -                    | -              |
| Totals .....   | 701,928                      | 1,255,432                                   | 398,179              | 295,185                              | 2,650,724                          | 3,722,905            | 6,373,629      |
| Ratio of regular miles flown to miles<br>scheduled ..... | 99.6                         | 98.7  | 99.9                 | 100.0                                | 99.3                               | 99.4                 | 99.4           |
| Passengers carried .....                                 | ...                          | ...   | ...                  | ...                                  | ...                                | 322,209              | 468,653        |
| Cargo carried .....                                      | ...                          | ...   | ...                  | ...                                  | ...                                | 5,736,660            | 9,713,090      |
| Mail carried .....                                       | ...                          | ...   | ...                  | ...                                  | ...                                | 3,121,213            | 3,561,917      |
| Passenger-miles .....                                    | 36,984,594                   | 107,804,913                                 | 20,521,672           | 18,617,526                           | 183,928,705                        | 236,362,058          | 420,290,763    |
| Available seat-miles on scheduled services               | 57,044,149                   | 163,127,913                                 | 48,927,825           | 36,074,180                           | 305,174,067                        | 340,039,955          | 645,214,022    |
| Passenger load factor on scheduled services              | 64.8                         | 66.1  | 41.9                 | 51.6                                 | 60.3                               | 69.5                 | 65.1           |
| Goods ton-miles:   |                              |   |                      |                                      |                                    |                      |                |
| Express .....  | 54,992                       | -   | -                    | -                                    | 54,992                             | 388,040              | 443,032        |
| Freight .....  | 377,761                      | 1,345,299                                   | 455,762              | 461,535                              | 2,640,357                          | 2,912,391            | 5,552,748      |
| Excess baggage .....                                     | 16,091                       | 78,050                                      | 35,636               | 15,130                               | 144,907                            | 151,456              | 296,363        |
| Mail .....   | 42,590                       | 270,154                                     | 64,476               | 112,609                              | 489,829                            | 1,175,271            | 1,665,100      |
| Totals .....   | 491,434                      | 1,693,503                                   | 555,874              | 589,274                              | 3,330,085                          | 4,627,158            | 7,957,243      |
| Available ton-miles on scheduled service ....            | 8,096,561                    | 24,861,849                                  | 6,136,671            | 4,969,191                            | 44,064,272                         | 51,499,232           | 95,563,504     |
| Weight load factor on scheduled services(1)              | 51.7                         | 50.2  | 42.5                 | 49.3                                 | 49.3                               | 54.9                 | 52.3           |
| Bulk(3):   |                              |   |                      |                                      |                                    |                      |                |
| Departures .....   | 125                          | 229   | -                    | -                                    | 354                                | ...                  | ...            |
| Hours flown .....  | 212                          | 1,376                                       | -                    | -                                    | 1,588                              | ...                  | ...            |
| Miles flown .....  | 41,122                       | 536,424                                     | -                    | -                                    | 577,546                            | ...                  | ...            |
| Passengers carried .....                                 | 1,321                        | 12,659                                      | -                    | -                                    | 13,980                             | ...                  | ...            |
| Goods carried .....                                      | 4,370                        | 4,536                                       | -                    | -                                    | 8,856                              | ...                  | ...            |
| Passenger-miles(2) .....                                 | 642,438                      | 52,005,760                                  | -                    | -                                    | 52,648,198                         | ...                  | ...            |
| Goods ton-miles(2) .....                                 | 263                          | 108   | -                    | -                                    | 371                                | ...                  | ...            |
| Total:   |                              |   |                      |                                      |                                    |                      |                |
| Departures .....   | 2,266                        | 851   | 370                  | 97                                   | 3,584                              | ...                  | ...            |
| Hours flown .....  | 3,253                        | 3,968                                       | 1,042                | 617                                  | 8,880                              | ...                  | ...            |
| Miles flown .....  | 743,050                      | 1,791,856                                   | 398,179              | 295,185                              | 3,228,270                          | ...                  | ...            |
| Passengers carried .....                                 | ...                          | ...   | ...                  | ...                                  | 160,424                            | ...                  | ...            |
| Goods carried .....                                      | ...                          | ...   | ...                  | ...                                  | 4,425,990                          | ...                  | ...            |
| Passenger-miles(2) .....                                 | 37,627,032                   | 159,810,673                                 | 20,521,672           | 18,617,526                           | 236,576,903                        | ...                  | ...            |
| Goods ton-miles(2) .....                                 | 491,697                      | 1,693,611                                   | 555,874              | 589,274                              | 3,330,456                          | ...                  | ...            |

(1) Standard passenger weight used: 200 pounds.

(2) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(3) There are more Canadian carriers which operate international flights on bulk or charter basis than there are carriers which operate international flights on a unit toll basis.

TABLE 7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)

June 1965

|  | United States              |                 |           | Europe                    |                 |           |
|--|----------------------------|-----------------|-----------|---------------------------|-----------------|-----------|
|  | To                         | From            | Total     | To                        | From            | Total     |
| Passengers carried:                          |                            |                 |           |                           |                 |           |
| Unit toll ..... No.                          | 92,048                     | 95,602          | 187,650   | 30,124                    | 33,410          | 63,534    |
| Bulk ..... "                                 | 683                        | 789             | 1,472     | 8,509                     | 7,475           | 15,984    |
| Totals ..... "                               | 92,731                     | 96,391          | 189,122   | 38,633                    | 40,885          | 79,518    |
| Freight, express and excess baggage carried: |                            |                 |           |                           |                 |           |
| Unit toll ..... lb.                          | 784,656                    | 2,869,677       | 3,654,333 | 664,946                   | 2,040,684       | 2,705,630 |
| Bulk ..... "                                 | -                          | -               | -         | -                         | -               | -         |
| Totals ..... "                               | 784,656                    | 2,869,677       | 3,654,333 | 664,946                   | 2,040,684       | 2,705,630 |
| Mail carried (unit toll) ..... "             | 153,706                    | 246,872         | 400,578   | 135,028                   | 169,078         | 304,106   |
|  | All other areas            |                 |           | Totals                    |                 |           |
|  | To                         | From            | Total     | To                        | From            | Total     |
| Passengers carried:                          |                            |                 |           |                           |                 |           |
| Unit toll ..... No.                          | 4,566                      | 5,325           | 9,891     | 126,738                   | 134,337         | 261,075   |
| Bulk ..... "                                 | -                          | -               | -         | 9,192                     | 8,264           | 17,456    |
| Totals ..... "                               | 4,566                      | 5,325           | 9,891     | 135,930                   | 142,601         | 278,531   |
| Freight, express and excess baggage carried: |                            |                 |           |                           |                 |           |
| Unit toll ..... lb.                          | 259,492                    | 170,181         | 429,673   | 1,709,094                 | 5,080,542       | 6,789,636 |
| Bulk ..... "                                 | -                          | -               | -         | -                         | -               | -         |
| Totals ..... "                               | 259,492                    | 170,181         | 429,673   | 1,709,094                 | 5,080,542       | 6,789,636 |
| Mail carried (unit toll) ..... "             | 25,567                     | 26,270          | 51,837    | 314,301                   | 442,220         | 756,521   |
|  | Total by Canadian carriers |                 |           | Total by Foreign carriers |                 |           |
|  | Leaving Canada             | Entering Canada | Total     | Leaving Canada            | Entering Canada | Total     |
| Passengers carried:                          |                            |                 |           |                           |                 |           |
| Unit toll ..... No.                          | 71,375                     | 73,861          | 145,236   | 55,363                    | 60,476          | 115,839   |
| Bulk ..... "                                 | 6,275                      | 5,085           | 11,360    | 2,917                     | 3,179           | 6,096     |
| Totals ..... "                               | 77,650                     | 78,946          | 156,596   | 58,280                    | 63,655          | 121,935   |
| Freight, express and excess baggage carried: |                            |                 |           |                           |                 |           |
| Unit toll ..... lb.                          | 1,120,507                  | 2,797,675       | 3,918,182 | 588,587                   | 2,282,867       | 2,871,454 |
| Bulk ..... "                                 | -                          | -               | -         | -                         | -               | -         |
| Totals ..... "                               | 1,120,507                  | 2,797,675       | 3,918,182 | 588,587                   | 2,282,867       | 2,871,454 |
| Mail carried (unit toll) ..... "             | 211,790                    | 228,521         | 440,311   | 102,511                   | 213,699         | 316,210   |

(1) Passengers and goods in transit through Canada are excluded.

TABLE 8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service

June 1965

|                                      | Fixed wing aircraft |                |               |                | Helicopters   |                |               |                |
|--------------------------------------|---------------------|----------------|---------------|----------------|---------------|----------------|---------------|----------------|
|                                      | Month               |                | Year to date  |                | Month         |                | Year to date  |                |
|                                      | Revenue hours       | Revenue earned | Revenue hours | Revenue earned | Revenue hours | Revenue earned | Revenue hours | Revenue earned |
|                                      | No.                 | \$             | No.           | \$             | No.           | \$             | No.           | \$             |
| Type of service:                     |                     |                |               |                |               |                |               |                |
| Aerial advertising .....             | 2                   | 190            | 5             | 398            | 105           | 10,600         | 522           | 55,275         |
| Aerial fish cultivation .....        | -                   | -              | 23            | -              | -             | -              | -             | -              |
| Aerial patrol and inspection .....   | 1,449               | 125,620        | 5,323         | 510,865        | 1,301         | 139,586        | 3,480         | 567,673        |
| Aerial pest control .....            | 1,984               | 416,958        | 2,329         | 436,920        | -             | -              | -             | -              |
| Aerial photography and survey .....  | 946                 | 125,693        | 3,442         | 433,403        | 287           | 31,520         | 665           | 58,964         |
| Aerial photography (excl. survey) .. | 111                 | 6,362          | 308           | 13,197         | 65            | 2,050          | 345           | 16,177         |
| Aircraft rental .....                | 36                  | 562            | 329           | 5,581          | -             | -              | -             | -              |
| Flying training .....                | 5,528               | 91,174         | 25,052        | 425,236        | 2             | 145            | 563           | 33,942         |
| Geophysical survey .....             | 1,048               | 75,065         | 4,209         | 404,075        | 1,150         | 112,978        | 1,808         | 242,464        |
| Non-transportation charter .....     | 103                 | 4,223          | 202           | 25,456         | -             | -              | -             | -              |
| Philanthropic .....                  | -                   | -              | -             | -              | -             | -              | -             | -              |
| Recreational flying .....            | 1,651               | 39,527         | 6,868         | 153,213        | -             | -              | 243           | 15,129         |
| Specialty flying - Other .....       | -                   | -              | 22            | 1,533          | 36            | 4,205          | 548           | 43,055         |
| Totals .....                         | 12,858              | 885,374        | 48,112        | 2,409,877      | 2,946         | 301,084        | 8,174         | 1,032,679      |

TABLE 9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV

June 1965

|                                       | Carriers operating helicopters only |              | Carriers operating both helicopters and fixed wing aircraft |              | Total   |              |
|---------------------------------------|-------------------------------------|--------------|---|--------------|---------|--------------|
|                                       | Month                               | Year to date | Month   | Year to date | Month   | Year to date |
| Carriers reporting .....              | No. 15                              | ...          | 8   | ...          | 23      | ...          |
| Helicopters - Owned .....             | " 153                               | 149          | 29  | 19           | 182     | 168          |
| Leased .....                          | " 30                                | 18           | 2   | 2            | 32      | 20           |
| Totals .....                          | " 183                               | 167          | 31  | 21           | 214     | 188          |
| Revenue hours flown - Unit toll ..... | " 5                                 | 185          | -   | -            | 5       | 185          |
| Bulk .....                            | " 11,066                            | 26,574       | 760   | 1,780        | 11,826  | 28,354       |
| Specialty .....                       | " 1,666                             | 4,727        | 1,301   | 3,234        | 2,967   | 7,961        |
| Totals .....                          | " 12,737                            | 31,486       | 2,061   | 5,014        | 14,798  | 36,500       |
| Non-revenue hours flown .....         | " 418                               | 2,999        | 23  | 190          | 441     | 3,189        |
| Fuel and oil consumed:                |                                     |              |   |              |         |              |
| Gasoline .....                        | gal. 216,634                        | 594,163      | 23,880  | 61,504       | 240,514 | 655,667      |
| Cost .....                            | \$ 98,640                           | 272,390      | 13,112  | 38,306       | 111,752 | 310,696      |
| Oil .....                             | gal. 3,098                          | 10,237       | 254   | 1,069        | 3,352   | 11,306       |
| Cost .....                            | \$ 5,701                            | 18,808       | 380   | 1,572        | 6,081   | 20,380       |
| Average number of employees:          |                                     |              |   |              |         |              |
| Pilots .....                          | No. 197                             | 156          | 16  | 11           | 213     | 167          |
| Administrative .....                  | " 59                                | 50           | 2   | 1            | 61      | 51           |
| Maintenance labour .....              | " 167                               | 156          | 10  | 6            | 177     | 162          |
| Other personnel .....                 | " 9                                 | 7            | -   | -            | 9       | 7            |
| Totals .....                          | " 432                               | 369          | 28  | 18           | 460     | 387          |
| Salaries and wages:                   |                                     |              |   |              |         |              |
| Pilots .....                          | \$ 165,443                          | 710,542      | 12,206  | 52,824       | 177,649 | 763,366      |
| Administrative .....                  | \$ 41,493                           | 225,842      | 1,600   | 6,200        | 43,093  | 232,042      |
| Maintenance labour .....              | \$ 90,494                           | 481,057      | 5,784   | 22,280       | 96,278  | 503,337      |
| Other personnel .....                 | \$ 2,881                            | 12,408       | -   | -            | 2,881   | 12,408       |
| Totals .....                          | \$ 300,311                          | 1,429,849    | 19,590  | 81,304       | 319,901 | 1,511,153    |

TABLE 10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV  
June 1965

|  | Current month | Year to date |
|--|---------------|--------------|
|  | dollars       |              |
| Operating revenues:                      |               |              |
| Unit toll transportation:                |               |              |
| Passengers .....                         | -             | -            |
| Express .....                            | -             | -            |
| Freight .....                            | -             | -            |
| Excess baggage .....                     | -             | -            |
| Mail .....                               | -             | -            |
| Total unit toll transportation .....     | -             | -            |
| Bulk transportation .....                | 1,316,862     | 3,264,182    |
| Total transportation .....               | 1,316,862     | 3,264,182    |
| Other flying services .....              | 171,857       | 455,885      |
| Total flying services .....              | 1,488,719     | 3,720,067    |
| Non-flying services .....                | 169,392       | 249,661      |
| Total operating revenues .....           | 1,658,111     | 3,969,728    |
| Operating expenses:                      |               |              |
| Flying operations .....                  | 375,949       | 1,549,332    |
| Maintenance .....                        | 376,592       | 1,298,779    |
| General service and administration ..... | 116,248       | 472,914      |
| Depreciation and amortization .....      | 180,927       | 465,107      |
| Total operating expenses .....           | 1,049,716     | 3,786,132    |
| Operating income (deficit) .....         | 608,395       | 183,596      |
| Non-operating income:                    |               |              |
| Capital gains and losses .....           | 3,119         | 93,711       |
| Interest and discounts .....             | 47            | 5,702        |
| Miscellaneous non-operating income ..... | 3,201         | 18,202       |
| Income before interest expense .....     | 614,762       | 301,211      |
| Interest expense .....                   | 23,633        | 118,591      |
| Income before income taxes .....         | 591,129       | 182,620      |
| Provision for income taxes .....         | 2,000         | 4,733        |
| Net income after income taxes .....      | 589,129       | 177,887      |

TABLE 11. Operating Statistics, Canadian Group V Carriers  
June 1965

|   | Quarter       | Year to date |
|---|---------------|--------------|
| Reporting carriers .....                | No. 267       | ...          |
| Transportation:                         |               |              |
| Hours flown .....                       | " 27,512      | 40,831       |
| Passengers carried .....                | " 60,948      | 83,689       |
| Goods carried .....                     | lb. 5,502,853 | 8,146,129    |
| Specialty flying services:              |               |              |
| Aerial advertising .....                | hr. 320       | 320          |
| Aerial fish cultivation .....           | " -           | -            |
| Aerial patrol and inspection .....      | " 2,327       | 3,042        |
| Aerial pest control .....               | " 4,730       | 4,930        |
| Aerial photography and survey .....     | " 138         | 150          |
| Aerial photography (excl. survey) ..... | " 100         | 117          |
| Aircraft rental .....                   | " 5,953       | 9,129        |
| Flying training .....                   | " 28,080      | 46,871       |
| Geophysical survey .....                | " 206         | 206          |
| Non-transportation charter .....        | " 478         | 482          |
| Philanthropic .....                     | " -           | -            |
| Recreational flying .....               | " 5,635       | 9,649        |
| Specialty flying - Other .....          | " 507         | 553          |
| Totals .....                            | " 48,474      | 75,449       |
| Total - All services:                   |               |              |
| Revenue hours flown .....               | No. 75,986    | 116,280      |
| Non-revenue hours flown .....           | " 3,878       | 6,046        |

CIVIL AVIATION DEFINITIONS(1)

Bulk Transportation:

- (1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4); and
- (2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).

Classification of Canadian Carriers by Groups

Group I Carriers:

Canadian Air Carriers licensed to perform both domestic and international scheduled services. (Air Canada and Canadian Pacific Air Lines Ltd.).

Group II Carriers:

Canadian Air Carriers other than Group I carriers licensed to perform domestic scheduled services and Nordair Ltd.(2).

Group III Carriers:

Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$500,000 or over (excepting air carriers included in Group I and II).

Group IV Carriers:

Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$100,000 and over, but less than \$500,000.

Group V Carriers:

Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of less than \$100,000.

Cargo:

Air freight and air express (excluding mail and excess baggage).

Carrier, Air:

Any person who operates aircraft in or over Canada for hire or reward.

Non-Scheduled Carriers:

Carriers not operating any scheduled (Class I) service.

Scheduled Carriers:

Air Carriers serving designated points in accordance with a service schedule and at a toll per unit.

Express, Air:

It is a package service operated within the U.S.A. and Canada only; the rates cover door-to-door service. Because Air Express shipments are carried on all flights and take priority over Air Freight and because Express shipments receive priority on the ground too, they take higher rates.

- (1) Reference to Classes refers to the classification of air carriers as defined by the Air Transport Board and published in the "Directory of Canadian Commercial Air Services" Queen's Printer, Ottawa.
- (2) For statistical purposes in this report, Nordair Ltd. is included with Group III carriers.



Freedoms of the Air:

- First Freedom: The privilege to fly over the territory of a foreign country without landing.
- Second Freedom: The privilege to land on the territory of a foreign country for non-traffic purposes.
- Third Freedom: The privilege to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
- Fourth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
- Fifth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the privilege to put down in a foreign country, passengers, mail and cargo coming from any such territory.

Freight, Air:

Articles carried on regular flights at standard per pound rates when space is available.

Goods:

Air Cargo (freight and express) plus mail and excess baggage.

Interline Traffic:

- Domestic Interline: Passengers and goods received by a carrier at Canadian points from other Canadian Air Carriers.
- Foreign Interline: Passengers and goods received by a carrier from Foreign Air Carriers.
- Divisional Interline: Passengers and goods received from other operating divisions of the same carrier.

International Services:

- Trans-Border Services: Services between Canada and the United States.
- Southern Services: Services between Canada and Bermuda, the Caribbean, Mexico, Central or South America.
- Trans-Atlantic and Polar Services: Services between Canada and Europe.
- Pacific and Orient Services: Services between Canada and points in the Pacific Ocean or the Orient.

Load Capacity Available:

Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, stewards' supplies, etc.



|                                   |  |
|-----------------------------------|--|
| <u>Load Factor, Passenger:</u>    | Ratio of revenue passenger-miles performed to available seat-miles.  |
| <u>Load Factor, Weight:</u>       | - See Weight, Load-Factor.   |
| <u>Miles:</u>                     | Statute miles of 5,280 ft.   |
| <u>Passenger:</u>                 | A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger. A round trip passenger is counted as two passengers.   |
| <u>Passenger Load-Factor:</u>     | - See Load Factor, Passenger.  |
| <u>Passenger-Mile:</u>            | The transportation of one passenger one mile.  |
| <u>Non-Revenue Passenger:</u>     | A child or adult carried on a revenue transportation flight for whom no fare is collected, including company personnel.  |
| <u>Revenue Passenger:</u>         | A child or adult for which a fare or part of a fare is paid.   |
| <u>Seat-Miles Available:</u>      | Seats available for the transportation of passengers multiplied by the miles flown on each inter-station flight.   |
| <u>Specialty Flying Services:</u> | Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising.   |
| <u>Tons:</u>                      | Short tons of 2,000 lbs.   |
| <u>Ton-Mile:</u>                  | The transportation of one ton of goods one mile.   |
| <u>Ton-Miles Available:</u>       | Available load capacity multiplied by miles flown on each inter-station flight.  |
| <u>Unit Toll Transportation:</u>  | Public transportation of passengers and goods at a toll per unit. It includes: <ul style="list-style-type: none"><li>(i) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class I); and</li><li>(ii) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3).</li></ul> |
| <u>Weight Load Factor:</u>        | Ratio of revenue ton-miles performed to available ton-miles.   |





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# CIVIL AVIATION

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## SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures are not available.
- ... Figures not appropriate or not applicable.
- Nil or zero.

## INTRODUCTION

"Civil Aviation" reports are prepared from monthly and quarterly schedules filed with the Air Transport Board and the Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly returns filed with the Dominion Bureau of Statistics by foreign air carriers operating in Canada.

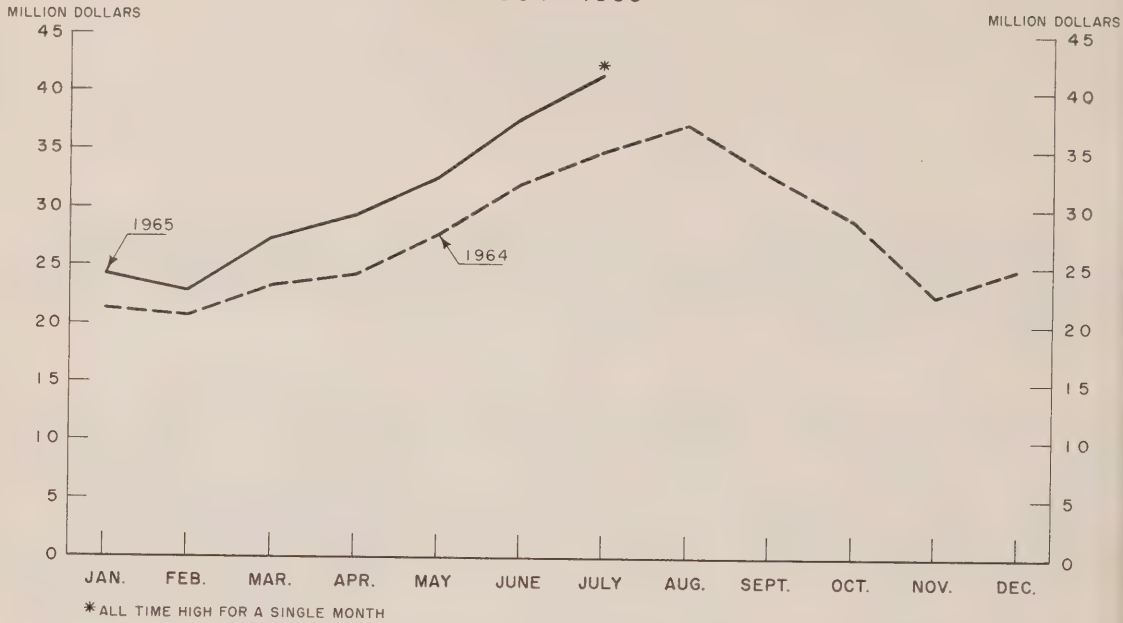
For reporting purposes, Canadian air carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. These groups are described on page twenty of this publication along with other definitions. It should be noted that the definition of each of the five groups was revised as of 1st January 1964. In January 1965, 3 former Group IV carriers were promoted to Group III, 1 Group III carrier was transferred to Group IV and 7 Group V carriers were transferred to Group IV. It should also be noted that Nordair Ltd., classified as a Group II carrier by the Air Transport Board, is included with Group III carriers for statistical purposes. Group V is comprised of small air carriers required to file returns on a quarterly basis only. Data on their operations are excluded from the other carrier statistics appearing throughout the report.

Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. A complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service with predominates.

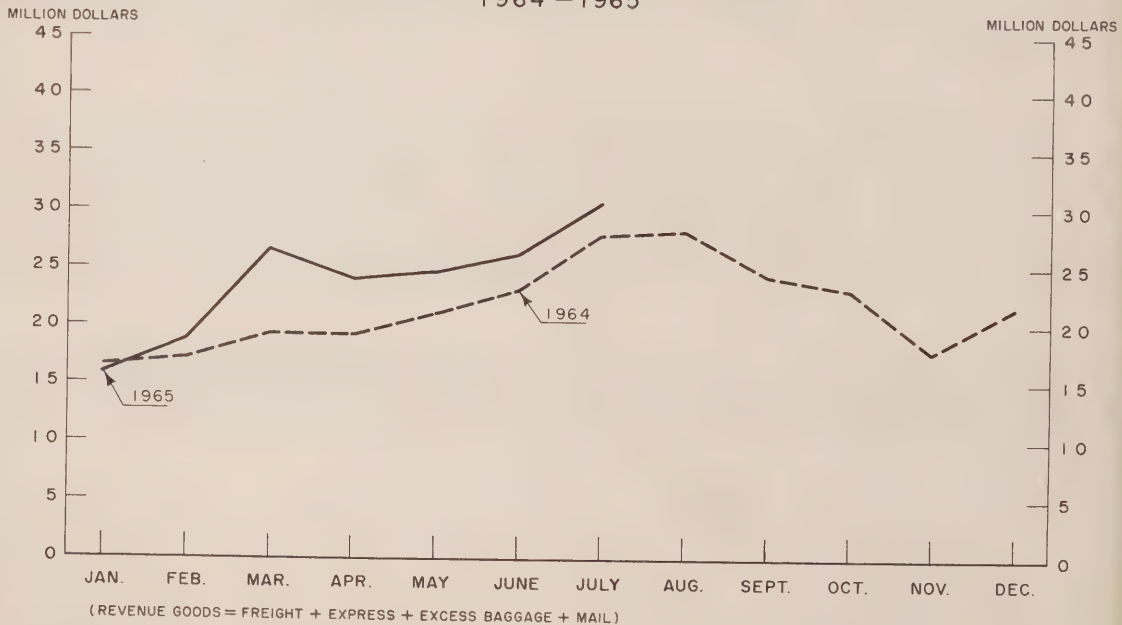
Domestic and international operations of Canadian carriers are combined in all tables except Table 6 which provides a breakdown of domestic and international operations for Canadian carriers operating international unit toll and bulk services. It should be noted that there are only two Canadian carriers which operate international services on a unit toll basis; however there are other Canadian carriers, in addition to these two carriers, which operate international flights on a bulk or charter basis.

Table 7 provides data on traffic leaving and entering Canada on an area of service basis. Passengers, cargo and mail in transit through Canada are excluded. The table contains the operations of both Canadian and Foreign carriers with separate totals for each.

# OPERATING REVENUE OF CANADIAN AIR CARRIERS 1964 - 1965



# REVENUE GOODS CARRIED BY CANADIAN AIR CARRIERS 1964 - 1965



## REVIEW OF JULY OPERATIONS

Increases were reported in the transportation of both revenue passengers and revenue goods by Canadian air carriers during the month of July compared with July 1964. The number of passengers carried totalled 639,797 an increase of 13.5 per cent. The weight of goods transported rose to 15,321 tons, an increase of 10.2 per cent. Revenue miles flown increased 11.7 per cent to 12,412,253.

Unit toll and bulk transportation services performed by Canadian carriers accounted for a total of 569,495,314 passenger-miles and 9,946,812 goods ton-miles. Unit toll service made up 84.8 per cent of the total passenger-miles and 85.7 per cent of the total goods ton-miles.

July operating revenues showed an 18.8 per cent increase over July 1964 to \$41,433,101 while operating expenses rose 19.7 per cent to \$34,057,066 resulting in an operating income of \$7,376,035. In July 1964 an operating income of \$6,421,641 was reported. A net income of \$6,550,059 after provision for income taxes was reported for July 1965 as compared to an income of \$5,724,174 for the same month in 1964.

Fourteen carriers who operated helicopters exclusively reported a total of 15,954 hours flown by 175 machines. Nine carriers operating both fixed-wing craft and helicopters reported a total of 2,341 hours flown by 32 machines. Operating revenues by helicopter only carriers for the month of July amounted to \$1,674,064 while operating expenses amounted to \$996,129.

During July the six scheduled carriers transported 561,486 revenue passengers and 8,805 tons of revenue goods which amounted to 87.8 per cent of the total number of passengers and 57.5 per cent of the total weight of goods carried by all Canadian carriers. Operating revenues of scheduled carriers amounted to \$35,409,675 or 85.5 per cent of all Canadian carrier revenues. Operating expenses of scheduled carriers amounted to \$29,961,390 or 88.0 per cent of all Canadian air carrier expenses. July 1964 figures for the proportion of operations attributable to scheduled carriers as a percentage of all Canadian carriers were as follows: Passengers carried 87.9 per cent, tons of goods carried 52.1 per cent, operating revenues 86.2 per cent and operating expenses 88.9 per cent.

Revenue passenger-miles performed by Canadian carriers in international unit toll service in July amounted to 210,995,220 or 43.7 per cent of the total unit toll passenger-miles performed by Canadian carriers. International services performed by Canadian carriers calculated according to passenger-miles travelled were divided by area as follows:

| <u>Area</u>                    | <u>Percentage</u> |
|--------------------------------|-------------------|
| Trans-Border .....             | 14.6              |
| Trans-Atlantic and Polar ..... | 68.0              |
| Southern .....                 | 10.0              |
| Pacific and Orient .....       | 7.4               |
| Total .....                    | 100.0             |

### Foreign Carriers

Foreign carriers licensed to operate in Canada transported 129,770 revenue passengers during July, an increase of 35.0 per cent over July 1964. Weight of revenue goods carried totalled 1,466 tons, an increase of 33.3 per cent over the same period in 1964. Foreign carriers report hours and miles flown over Canadian territory only. Statistics concerning passengers and goods in transit have been excluded.

### Cumulative Figures for the Year to Date (Canadian carriers)

Compared with the same period in 1964 the first seven months of 1965 showed an increase of 14.1 per cent to 3,678,845 in the number of revenue passengers carried while the weight of revenue goods carried rose 19.2 per cent to 86,049 tons. Passenger-miles performed by Canadian carriers totalled 2,896,239,795 while goods ton-miles totalled 69,627,006 for the first seven months of the year. Operating revenues increased 18.1 per cent to \$217,255,500 while operating expenses increased 14.7 per cent to \$202,287,028.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

July 1965

|                                      | Canadian carriers                       |                        |           |            | Foreign carriers(2)     |                        |                           | Grand total all carriers | Year to date  |
|--------------------------------------|---|------------------------|-----------|------------|-------------------------|------------------------|---------------------------|--------------------------|---------------|
|                                      | Scheduled carriers<br>Group I and II(1) | Non-scheduled carriers |           |            | Total Canadian carriers | United States carriers | Other Foreign carriers(3) |                          |               |
|                                      |   | Group III(1)           | Group IV  | Total      |                         |                        |                           |                          |               |
| Number of carriers reporting ...     | 6                                       | 16                     | 54        | 70         | 76                      | 10                     | 9                         | 95                       | ..            |
| Revenue transportation services:     |   |                        |           |            |                         |                        |                           |                          |               |
| Unit toll:                           |   |                        |           |            |                         |                        |                           |                          |               |
| Departures .....                     | 20,959                                  | 2,822                  | 1,085     | 3,907      | 24,866                  | ..                     | ..                        | ..                       | ..            |
| Hours flown .....                    | 27,732                                  | 3,497                  | 500       | 3,997      | 31,729                  | 357                    | 1,460                     | 33,546                   | 197,935       |
| Miles scheduled .....                | 7,127,840                               | ...                    | ...       | ...        | 7,127,840               | 92,321                 | 590,723                   | 7,810,884                | 46,726,362    |
| Miles flown:(4)                      |   |                        |           |            |                         |                        |                           |                          |               |
| Scheduled .....                      | 7,305,657                               | ...                    | ...       | ...        | 7,305,657               | 91,520                 | 602,125                   | 7,999,302                | 47,489,639    |
| Non-scheduled .....                  | 305,143                                 | 441,856                | 53,944    | 495,800    | 800,943                 | -                      | -                         | 800,943                  | 4,685,878     |
| Totals .....                         | 7,610,800                               | 441,856                | 53,944    | 495,800    | 8,106,600               | 91,520                 | 602,125                   | 8,800,245                | 52,175,517    |
| Passengers carried .....             | 530,525                                 | 14,278                 | 3,174     | 17,452     | 547,977                 | 81,876                 | 41,708                    | 671,561                  | 3,997,552     |
| Goods carried:                       |   |                        |           |            |                         |                        |                           |                          |               |
| Cargo .....                          | 11,134,205                              | 730,634                | 55,865    | 786,499    | 11,920,704              | 885,665                | 1,773,675                 | 14,760,638               | 96,640,798    |
| Excess baggage .....                 | 134,274(5)                              | 39,665                 | 6,655     | 46,320     | 180,594                 | -                      | -                         | -                        | -             |
| Mail .....                           | 3,350,889                               | 97,153                 | 17,437    | 114,590    | 3,465,479               | 149,487                | 124,294                   | 3,739,260                | 30,605,418    |
| Totals .....                         | 14,619,368                              | 867,452                | 79,957    | 947,409    | 15,566,777              | 1,035,152              | 1,897,969                 | 18,499,898               | 127,246,216   |
| Passenger-miles .....                | 479,686,288                             | 2,680,597              | 286,770   | 2,967,367  | 482,653,655             | 3,502,677              | 35,787,069                | 521,943,401              | 2,828,304,056 |
| Goods ton-miles:                     |   |                        |           |            |                         |                        |                           |                          |               |
| Cargo .....                          | 6,503,387                               | 231,028                | 1,957     | 232,985    | 6,736,372               | 20,708                 | 614,800                   | 7,659,690                | 50,814,468    |
| Excess baggage .....                 | 280,763                                 | 6,790                  | 257       | 7,047      | 287,810                 | -                      | -                         | -                        | -             |
| Mail .....                           | 1,469,472                               | 31,735                 | 984       | 32,719     | 1,502,191               | 3,333                  | 51,748                    | 1,557,272                | 12,297,187    |
| Totals .....                         | 8,253,622                               | 269,553                | 3,198     | 272,751    | 8,526,373               | 24,041                 | 666,548                   | 9,216,962                | 63,111,655    |
| Bulk:                                |   |                        |           |            |                         |                        |                           |                          |               |
| Departures .....                     | 5,417                                   | 10,189                 | 23,127    | 33,316     | 38,733                  | ..                     | ..                        | ..                       | ..            |
| Hours flown .....                    | 7,097                                   | 17,291                 | 23,689    | 40,780     | 47,877                  | 23                     | 146                       | 48,046                   | 174,162       |
| Miles flown .....                    | 1,340,905                               | 1,164,027              | 1,800,721 | 2,964,748  | 4,305,653               | 5,174                  | 51,980                    | 4,362,807                | 17,259,253    |
| Passengers carried .....             | 30,961                                  | 25,393                 | 35,466    | 60,859     | 91,820                  | 1,577                  | 4,609                     | 98,006                   | 372,943       |
| Freight carried .....                | 2,990,857                               | 7,722,683              | 4,372,310 | 12,094,993 | 15,085,850              | -                      | -                         | 15,085,850               | 66,050,635    |
| Passenger-miles(6) .....             | 72,672,032                              | 14,028,200             | 141,427   | 14,169,627 | 86,841,659              | ..                     | ..                        | ..                       | ..            |
| Goods ton-miles(6) .....             | 601,643                                 | 801,697                | 17,099    | 818,796    | 1,420,439               | -                      | -                         | 1,420,439                | ..            |
| Revenue non-transportation services: |   |                        |           |            |                         |                        |                           |                          |               |
| Specialty flying - Hours flown "     | 282                                     | 6,761                  | 9,661     | 16,422     | 16,704                  | -                      | -                         | 16,704                   | 74,029        |

See footnotes at end of table.



TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

July 1965

|                                    | Canadian carriers                        |                        |           |            |                         | Foreign carriers(2)    |                           | Grand total all carriers | Year to date |
|------------------------------------|--|------------------------|-----------|------------|-------------------------|------------------------|---------------------------|--------------------------|--------------|
|                                    | Scheduled carriers<br>Groups I and II(1) | Non-scheduled carriers |           |            | Total Canadian carriers | United States carriers | Other Foreign carriers(3) |                          |              |
|                                    |  | Group III(1)           | Group IV  | Total      |                         |                        |                           |                          |              |
| Total - All services:              |  |                        |           |            |                         |                        |                           |                          |              |
| Revenue:                           |  |                        |           |            |                         |                        |                           |                          |              |
| Traffic, miles and hours:(7)       |  |                        |           |            |                         |                        |                           |                          |              |
| Departures .....                   | 26,376                                   | 13,011                 | 24,212    | 37,223     | 63,599                  | ..                     | ..                        | 98,296                   | 446,126      |
| Hours flown .....                  | 35,111                                   | 27,549                 | 33,650    | 61,199     | 96,310                  | 380                    | 1,606                     | 13,163,052               | 69,434,770   |
| Miles flown .....                  | 8,951,705                                | 1,605,883              | 1,854,665 | 3,460,548  | 12,412,253              | 96,694                 | 654,105                   | 769,567                  | 4,370,495    |
| Passengers carried .....           | 561,486                                  | 39,671                 | 38,640    | 78,311     | 639,797                 | 83,453                 | 46,317                    | 29,836,488(8)            | 162,691,433  |
| Cargo carried .....                | 14,115,062                               | 8,453,317              | 4,428,175 | 12,881,492 | 27,177,148(8)           | 885,665(8)             | 1,773,675(8)              | 33,585,748               | 193,296,851  |
| Goods carried .....                | 17,610,225                               | 8,590,135              | 4,452,267 | 13,042,402 | 30,652,627              | ..                     | ..                        | ..                       | ..           |
| Passenger-miles(6) .....           | 552,358,320                              | 16,708,797             | 428,197   | 17,136,994 | 569,495,314             | 1,035,152              | 1,897,969                 | ..                       | ..           |
| Goods ton-miles(6) .....           | 8,855,265                                | 1,071,250              | 20,297    | 1,091,547  | 9,946,812               | ..                     | ..                        | ..                       | ..           |
| Non-revenue:                       |  |                        |           |            |                         |                        |                           |                          |              |
| Hours flown .....                  | 967                                      | 656                    | 967       | 1,623      | 2,590                   | 1                      | -                         | 2,591                    | 17,042       |
| Passengers carried .....           | 3,639                                    | 185                    | 3         | 188        | 3,827                   | 1,529                  | 618                       | 5,974                    | 31,702       |
| Goods carried .....                | 246,536                                  | 68,641                 | -         | 68,641     | 315,177                 | 11,625                 | 87,882                    | 414,684                  | 2,324,294    |
| Passenger-miles .....              | 22,093,386                               | 218,718                | 4,200     | 222,918    | 22,316,304              | 61,705                 | 483,906                   | 22,861,915               | 126,475,076  |
| Goods ton-miles .....              | 752,960                                  | 47,691                 | -         | 47,691     | 800,651                 | 860                    | 22,788                    | 824,299                  | 4,946,273    |
| Fuel and oil consumed:             |  |                        |           |            |                         |                        |                           |                          |              |
| Turbo fuel - Quantity .....        | 21,099,467                               | -                      | 12,999    | 12,999     | 21,112,466              | 141,819                | 4,162,038                 | 25,416,323               | 145,990,953  |
| Cost .....                         | 2,892,185                                | -                      | 3,939     | 3,939      | 2,896,124               | 25,630                 | 667,243                   | 3,588,997                | 25,152,618   |
| Gasoline - Quantity .....          | 1,579,974                                | 1,011,209              | 520,406   | 1,531,615  | 3,111,589               | 13,617                 | 9,122                     | 3,134,328                | 15,375,744   |
| Cost .....                         | 540,116                                  | 426,625                | 240,136   | 666,761    | 1,206,877               | 3,802                  | 3,284                     | 1,213,963                | 5,650,121    |
| Turbo oil - Quantity .....         | 4,158                                    | -                      | 3         | 3          | 4,161                   | 54                     | 81                        | 4,296                    | 27,892       |
| Cost .....                         | 35,995                                   | -                      | 45        | 45         | 36,040                  | 307                    | 761                       | 37,108                   | 259,118      |
| Other oil - Quantity .....         | 19,800                                   | 14,839                 | 9,255     | 24,094     | 43,894                  | 58                     | -                         | 43,952                   | 193,482      |
| Cost .....                         | 21,969                                   | 21,221                 | 13,175    | 34,396     | 56,365                  | 27                     | -                         | 56,392                   | 246,861      |
| Average number of employees:       |  |                        |           |            |                         |                        |                           |                          |              |
| Pilots and co-pilots .....         | 1,142                                    | 393                    | 423       | 816        | 1,958                   | ..                     | ..                        | ..                       | ..           |
| Other flight personnel .....       | 1,278                                    | 41                     | 62        | 103        | 1,381                   | ..                     | ..                        | ..                       | ..           |
| General management .....           | 323                                      | 113                    | 103       | 216        | 539                     | ..                     | ..                        | ..                       | ..           |
| Maintenance labour .....           | 3,826                                    | 425                    | 291       | 716        | 4,542                   | ..                     | ..                        | ..                       | ..           |
| Aircraft & traffic servicing ..... | 5,646                                    | 121                    | 60        | 181        | 5,827                   | ..                     | ..                        | ..                       | ..           |
| Other personnel .....              | 4,749                                    | 210                    | 293       | 503        | 5,252                   | ..                     | ..                        | ..                       | ..           |
| Totals .....                       | 16,964                                   | 1,303                  | 1,232     | 2,535      | 19,499                  | 296                    | 672                       | 20,467                   | 19,324       |
| Salaries and wages paid:           |  |                        |           |            |                         |                        |                           |                          |              |
| Pilots and co-pilots .....         | 1,403,086                                | 370,626                | 289,398   | 660,024    | 2,063,110               | ..                     | ..                        | ..                       | ..           |
| Other flight personnel .....       | 649,680                                  | 27,133                 | 26,911    | 54,044     | 703,724                 | ..                     | ..                        | ..                       | ..           |
| General management .....           | 294,392                                  | 73,196                 | 64,963    | 138,159    | 432,551                 | ..                     | ..                        | ..                       | ..           |
| Maintenance labour .....           | 2,104,769                                | 212,674                | 137,806   | 350,480    | 2,455,249               | ..                     | ..                        | ..                       | ..           |
| Aircraft & traffic servicing ..... | 2,791,002                                | 47,824                 | 66,650    | 66,650     | 2,857,652               | ..                     | ..                        | ..                       | ..           |
| Other personnel .....              | 2,495,403                                | 82,443                 | 101,485   | 183,928    | 2,679,331               | ..                     | ..                        | ..                       | ..           |
| Totals .....                       | 9,738,332                                | 813,896                | 639,389   | 1,453,285  | 11,191,617              | 171,011                | 373,084                   | 11,735,712               | 76,194,267   |

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

(2) See "Foreign Carriers", page 7, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Air Canada.

(6) Excludes chartered aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(7) These data exclude non-transportation services, except for hours flown.

(8) Includes excess baggage.

(9) Data in Tables 4, 5, 6, 7, 8 and 9 included in this table.



TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group(2)  
July 1965

|                                       | Scheduled carriers |              |            | Non-scheduled carriers |           |           | Grand total | Year to date |
|---------------------------------------|--------------------|--------------|------------|------------------------|-----------|-----------|-------------|--------------|
|                                       | Group I            | Group II (1) | Total      | Group III (1)          | Group IV  | Total     |             |              |
|                                       | dollars            |              |            |                        |           |           |             |              |
| Operating revenues:                   |                    |              |            |                        |           |           |             |              |
| Unit toll transportation:             |                    |              |            |                        |           |           |             |              |
| Passengers .....                      | 26,855,548         | 1,342,333    | 28,197,881 | 370,403                | 38,832    | 409,235   | 28,607,116  | 158,164,134  |
| Express .....                         | 480,507            | 24,367       | 504,874    | 8,782                  | 689       | 9,471     | 514,345     | 2,975,358    |
| Freight .....                         | 1,429,812          | 286,364      | 1,716,176  | 131,933                | 4,631     | 136,564   | 1,852,740   | 11,760,858   |
| Excess baggage .....                  | 171,372            | 19,286       | 190,658    | 7,616                  | 513       | 8,129     | 198,787     | 1,115,722    |
| Mail .....                            | 1,177,655          | 107,745      | 1,285,400  | 41,014                 | 4,782     | 45,796    | 1,331,196   | 10,470,708   |
| Total unit toll transportation ..     | 30,114,894         | 1,780,095    | 31,894,989 | 559,748                | 49,447    | 609,195   | 32,504,184  | 184,486,780  |
| Bulk transportation .....             | 2,050,923          | 1,248,394    | 3,299,317  | 2,135,953              | 1,925,754 | 4,261,707 | 7,561,024   | 25,766,085   |
| Total transportation .....            | 32,165,817         | 3,028,489    | 35,194,306 | 2,895,701              | 1,975,201 | 4,870,902 | 40,065,208  | 210,252,865  |
| Other flying services .....           | 8,464              | 69,084       | 77,548     | 572,805                | 324,442   | 897,247   | 974,795     | 4,283,512    |
| Total flying services .....           | 32,174,281         | 3,097,573    | 35,271,854 | 3,468,506              | 2,299,643 | 5,768,149 | 41,040,003  | 214,536,377  |
| Non-flying services .....             | 115,408            | 22,413       | 137,821    | 55,331                 | 310,608   | 255,277   | 393,098     | 2,719,123    |
| Total operating revenues .....        | 32,289,689         | 3,119,986    | 35,409,675 | 3,413,175              | 2,610,251 | 6,023,426 | 41,433,101  | 217,255,500  |
| Operating expenses:                   |                    |              |            |                        |           |           |             |              |
| Flying operations .....               | 6,794,210          | 1,012,302    | 7,806,512  | 1,105,749              | 868,738   | 1,974,487 | 9,780,999   | 54,302,922   |
| Maintenance .....                     | 5,748,055          | 781,940      | 6,529,995  | 800,840                | 371,416   | 1,172,256 | 7,701,351   | 45,261,807   |
| General services and administration:  |                    |              |            |                        |           |           |             |              |
| Passenger service .....               | 2,470,764          | 126,568      | 2,597,332  |                        |           |           |             |              |
| Aircraft and traffic servicing .....  | 3,843,511          | 329,881      | 4,173,392  |                        |           |           |             |              |
| Promotion and sales .....             | 4,786,293          | 162,059      | 4,948,352  |                        |           |           |             |              |
| General administration .....          | 1,079,407          | 144,309      | 1,223,716  |                        |           |           |             |              |
| Totals .....                          | 12,179,975         | 782,817      | 12,942,792 | 360,334                | 262,511   | 622,845   | 13,565,637  | 81,588,762   |
| Depreciation and amortization .....   | 2,562,200          | 120,791      | 2,682,991  | 218,032                | 108,056   | 326,088   | 3,009,079   | 21,133,537   |
| Total operating expenses .....        | 27,284,440         | 2,676,950    | 29,961,390 | 2,484,955              | 1,610,721 | 4,095,676 | 34,057,066  | 202,287,028  |
| Operating income (loss) .....         | 5,005,249          | 443,036      | 5,448,285  | 928,220                | 999,530   | 1,927,750 | 7,376,035   | 14,968,472   |
| Non-operating income - Net:           |                    |              |            |                        |           |           |             |              |
| Capital gains and losses .....        | 104,045            | 8,509        | 112,554    | 16,277                 | 63,298    | 47,021    | 159,575     | 476,236      |
| Interest and discounts .....          | 273,984            | 602          | 274,586    | 2,495                  | 1,873     | 4,368     | 278,954     | 1,555,480    |
| Miscellaneous non-operating income .. | 4,102              | 4,561        | 459        | 13,211                 | 5,170     | 8,041     | 8,500       | 278,180      |
| Income before interest expense .....  | 5,387,380          | 447,586      | 5,834,966  | 901,227                | 1,069,871 | 1,971,098 | 7,806,064   | 16,722,008   |
| Interest expense .....                | 959,859            | 42,822       | 1,002,681  | 36,205                 | 32,561    | 68,766    | 1,071,447   | 7,467,561    |
| Income before income taxes .....      | 4,427,521          | 404,764      | 4,832,285  | 865,022                | 1,037,310 | 1,902,332 | 6,734,617   | 9,254,447    |
| Provision for income taxes .....      | -                  | 121,662      | 121,662    | 16,069                 | 46,827    | 62,896    | 184,558     | 416,216      |
| Net income after income taxes .....   | 4,427,521          | 283,102      | 4,710,623  | 848,953                | 990,483   | 1,839,436 | 6,550,059   | 8,838,231    |

(1) Group II non-scheduled carriers included with Group III for purposes of this report.  
(2) Data in Tables 3, 8 and 10 included in this table.

TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

July 1965

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|                                       | Air<br>Canada | Canadian<br>Pacific<br>Air Lines | Eastern<br>Provincial<br>Airways<br>(1963) | Pacific<br>Western<br>Airlines | Quebecair<br>Inc. | Transair<br>Ltd. | Total      | Year<br>to<br>date |
|---------------------------------------|---------------|----------------------------------|--|--------------------------------|-------------------|------------------|------------|--------------------|
| dollars                               |               |                                  |  |                                |                   |                  |            |                    |
| <b>Operating revenues:</b>            |               |                                  |  |                                |                   |                  |            |                    |
| Unit toll transportation:             |               |                                  |  |                                |                   |                  |            |                    |
| Passengers .....                      | 21,446,703    | 5,408,845                        | 240,994                                    | 596,370                        | 315,404           | 189,565          | 28,197,881 | 156,270,074        |
| Express .....                         | 4,448,996     | 31,511                           | 4,233                                      | 15,790                         | -                 | 4,344            | 504,874    | 2,905,286          |
| Freight .....                         | 1,034,117     | 395,695                          | 93,966                                     | 123,453                        | 37,242            | 31,703           | 1,716,176  | 11,086,547         |
| Excess baggage .....                  | 130,440       | 240,932                          | 2,337                                      | 9,747                          | 5,522             | 1,680            | 190,658    | 1,078,772          |
| Mail .....                            | 885,634       | 292,021                          | 24,093                                     | 49,707                         | 5,397             | 28,548           | 1,285,400  | 10,022,942         |
| Total unit toll transportation ..     | 23,945,890    | 6,169,004                        | 365,623                                    | 795,067                        | 363,565           | 255,840          | 31,894,989 | 181,363,621        |
| Bulk transportation .....             | 1,094,007     | 956,916                          | 136,598                                    | 737,750                        | 11,371            | 362,675          | 3,299,317  | 9,831,756          |
| Total transportation .....            | 25,039,897    | 7,125,920                        | 502,221                                    | 1,532,817                      | 374,936           | 618,515          | 35,194,306 | 191,195,377        |
| Other flying services .....           | 8,464         | 66,450                           | 66,450                                     | -                              | -                 | 2,634            | 77,548     | 313,998            |
| Total flying services .....           | 25,048,361    | 7,125,920                        | 568,671                                    | 1,532,817                      | 374,936           | 621,149          | 35,271,854 | 191,509,375        |
| Non-flying services .....             | 7,794         | 107,614                          | 7,932                                      | 220                            | 7,158             | 7,103            | 137,821    | 1,515,709          |
| Total operating revenues .....        | 25,056,155    | 7,233,534                        | 576,603                                    | 1,533,037                      | 382,094           | 628,252          | 35,409,675 | 193,025,084        |
| <b>Operating expenses:</b>            |               |                                  |  |                                |                   |                  |            |                    |
| Flying operations .....               | 4,737,996     | 2,056,214                        | 187,935                                    | 535,027                        | 94,415            | 194,925          | 7,806,512  | 45,284,324         |
| Maintenance .....                     | 4,741,349     | 1,006,506                        | 218,289                                    | 308,947                        | 92,845            | 160,959          | 6,529,095  | 38,644,738         |
| General services and administrations: |               |                                  |  |                                |                   |                  |            |                    |
| Passenger service .....               | 1,920,669     | 550,095                          | 21,624                                     | 78,061                         | 11,859            | 15,024           | 2,597,332  | 14,896,694         |
| Aircraft and traffic servicing .....  | 3,182,083     | 661,428                          | 107,801                                    | 172,116                        | 32,326            | 17,438           | 4,173,392  | 25,955,193         |
| Promotion and sales .....             | 3,533,069     | 1,253,224                        | 10,789                                     | 57,224                         | 56,889            | 37,357           | 4,948,352  | 28,884,271         |
| General administration .....          | 854,030       | 225,377                          | 29,338                                     | 69,282                         | 28,307            | 17,382           | 1,223,716  | 7,754,389          |
| Totals .....                          | 9,489,851     | 2,690,124                        | 169,552                                    | 376,683                        | 129,381           | 87,201           | 12,942,792 | 77,690,547         |
| Depreciation and amortization .....   | 2,377,827     | 184,373                          | 46,477                                     | 37,045                         | 23,317            | 13,952           | 2,682,991  | 19,250,717         |
| Total operating expenses .....        | 21,347,223    | 5,937,217                        | 622,453                                    | 1,257,702                      | 339,958           | 457,037          | 29,961,390 | 180,670,326        |
| Operating income (loss) .....         | 3,708,932     | 1,296,317                        | 45,650                                     | 275,335                        | 42,136            | 171,215          | 5,448,285  | 12,354,758         |
| <b>Non-operating income - Net:</b>    |               |                                  |  |                                |                   |                  |            |                    |
| Capital gains and losses .....        | -             | 104,045                          | -  | 13                             | 1,667             | 6,829            | 112,554    | 184,614            |
| Interest and discounts .....          | 224,506       | 49,478                           | 3  | -                              | -                 | 599              | 274,586    | 1,520,066          |
| Miscellaneous non-operating income .. | 5,480         | 9,582                            | -  | Dr.                            | 1,053             | 2,855            | Dr.        | 332,432            |
| Income before interest expense .....  | 3,927,958     | 1,459,422                        | 45,647                                     | 274,695                        | 42,750            | 175,788          | 5,834,966  | 13,727,006         |
| Interest expense .....                | 959,859       | -                                | 26,932                                     | 8,978                          | 2,723             | 4,189            | 1,002,681  | 6,941,245          |
| Income before income taxes .....      | 2,968,099     | 1,459,422                        | 72,579                                     | 265,717                        | 40,027            | 171,599          | 4,832,285  | 6,785,761          |
| Provision for income taxes .....      | -             | -                                | -  | 121,662                        | -                 | -                | 121,662    | 172,118            |
| Net income after income taxes .....   | 2,968,099     | 1,459,422                        | 72,579                                     | 144,055                        | 40,027            | 171,599          | 4,710,623  | 6,613,643          |

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

July 1965

|   | Group I carriers |                            |             | Group II carriers                 |                             |                    |                   |            | Grand total |
|---|------------------|----------------------------|-------------|-----------------------------------|-----------------------------|--------------------|-------------------|------------|-------------|
|   | Air Canada       | Canadian Pacific Air Lines | Total       | Eastern Provincial Airways (1963) | Pacific Western Airlines(1) | Quebecair Inc. (1) | Transair Ltd. (1) | Total (1)  |             |
| Revenue transportation services:                      |                  |                            |             |                                   |                             |                    |                   |            |             |
| Unit toll:  |                  |                            |             |                                   |                             |                    |                   |            |             |
| Departures .....                                      | 13,561           | 2,017                      | 15,578      | 1,075                             | 1,904                       | 1,271              | 1,131             | 5,381      | 20,959      |
| Hours flown .....                                     | 18,606           | 3,698                      | 22,304      | 1,084                             | 2,019                       | 1,032              | 1,293             | 5,428      | 27,732      |
| Miles scheduled .....                                 | 5,293,385        | 1,325,654                  | 6,619,039   | 67,975                            | 240,559                     | 110,352            | 89,915            | 508,801    | 7,127,840   |
| Miles flown:  |                  |                            |             |                                   |                             |                    |                   |            |             |
| Scheduled - Regular .....                             | 5,266,255        | 1,291,302                  | 6,557,557   | 61,205                            | 240,316                     | 105,965            | 88,493            | 495,979    | 7,053,536   |
| Extra section .....                                   | 200,647          | 9,646                      | 210,293     | 6,559                             | 18,261                      | 3,627              | 13,381            | 41,828     | 252,121     |
| Non-scheduled .....                                   | -                | -                          | -           | 101,020                           | 58,316                      | 64,357             | 81,450            | 305,143    | 305,143     |
| Totals .....  | 5,466,902        | 1,300,948                  | 6,767,850   | 168,784                           | 316,893                     | 173,949            | 183,324           | 842,950    | 7,610,800   |
| Ratio of regular miles flown to miles scheduled ..... | 99.5             | 97.4                       | 99.1        | 90.0                              | 99.9                        | 96.0               | 98.4              | 97.5       | 99.0        |
| Passengers carried .....                              | 425,711          | 55,261                     | 480,972     | 10,231                            | 22,428                      | 10,609             | 6,285             | 49,553     | 530,525     |
| Goods carried:  |                  |                            |             |                                   |                             |                    |                   |            |             |
| Freight .....   | 6,586,011        | 911,963                    | 7,497,974   | 775,400                           | 1,103,559                   | 182,668            | 170,204           | 2,231,831  | 9,729,805   |
| Express .....   | 1,177,107        | 140,902                    | 1,318,009   | 22,386                            | 47,484                      | -                  | 16,521            | 86,391     | 1,404,400   |
| Excess baggage .....                                  | 50,448           | 50,448                     | 50,448      | 14,700                            | 35,904                      | 24,600             | 8,622             | 83,826     | 134,274     |
| Mail .....  | 2,716,811        | 247,578                    | 2,964,389   | 105,539                           | 146,938                     | 28,285             | 105,738           | 386,500    | 3,350,889   |
| Totals .....  | 10,479,929       | 1,350,891                  | 11,830,820  | 918,025                           | 1,333,885                   | 235,553            | 301,085           | 2,788,548  | 14,619,368  |
| Passenger-miles:                                      |                  |                            |             |                                   |                             |                    |                   |            |             |
| Scheduled .....                                       | 369,151,574      | 95,541,717                 | 464,693,291 | 876,747                           | 6,141,667                   | 1,990,238          | 1,815,125         | 10,823,777 | 475,517,068 |
| Non-scheduled .....                                   | -                | -                          | -           | 2,031,680                         | 400,569                     | 1,373,605          | 363,366           | 4,169,220  | 4,169,220   |
| Totals .....  | 369,151,574      | 95,541,717                 | 464,693,291 | 2,908,427                         | 6,542,236                   | 3,363,843          | 2,178,491         | 14,992,997 | 479,686,288 |
| Available seat-miles on scheduled services .....      | 527,054,524      | 155,698,416                | 682,752,940 | 2,191,066                         | 13,796,656                  | 3,761,448          | 3,875,008         | 23,624,178 | 706,377,118 |
| Passenger load factor on scheduled services .....     | 70.0             | 61.4                       | 68.1        | 40.0                              | 44.5                        | 52.9               | 46.8              | 45.8       | 67.3        |
| Goods ton-miles:                                      |                  |                            |             |                                   |                             |                    |                   |            |             |
| Freight - Scheduled .....                             | 4,190,952        | 1,206,973                  | 5,397,925   | 9,593                             | 267,108                     | 20,335             | 14,552            | 311,588    | 5,709,513   |
| Non-scheduled .....                                   | -                | -                          | -           | 210,257                           | 8,441                       | 9,915              | 20,726            | 249,339    | 249,339     |
| Totals .....  | 4,190,952        | 1,206,973                  | 5,397,925   | 219,850                           | 275,549                     | 30,250             | 35,278            | 560,927    | 5,958,852   |
| Express - Scheduled .....                             | 488,072          | 37,089                     | 525,161     | 1,001                             | 11,807                      | -                  | 3,775             | 16,583     | 541,744     |
| Non-scheduled .....                                   | -                | -                          | -           | 2,470                             | -                           | -                  | 321               | 2,791      | 2,791       |
| Totals .....  | 488,072          | 37,089                     | 525,161     | 3,471                             | 11,807                      | -                  | 4,096             | 19,374     | 544,535     |

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Continued

July 1965

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|   | Group I carriers |                            |             | Group II carriers                 |                             |                    |                   |            | Grand total |
|---|------------------|----------------------------|-------------|-----------------------------------|-----------------------------|--------------------|-------------------|------------|-------------|
|   | Air Canada       | Canadian Pacific Air Lines | Total       | Eastern Provincial Airways (1963) | Pacific Western Airlines(1) | Quebecair Inc. (1) | Transair Ltd. (1) | Total (1)  |             |
| Revenue transportation services - Concluded:      |                  |                            |             |                                   |                             |                    |                   |            |             |
| Unit toll - Concluded:                            |                  |                            |             |                                   |                             |                    |                   |            |             |
| Goods ton-miles - Concluded:                      |                  |                            |             |                                   |                             |                    |                   |            |             |
| Excess baggage - Scheduled .....                  | 220,541          | 43,916                     | 264,457     | 551                               | 7,196                       | 2,745              | 1,257             | 11,749     | 276,206     |
| Non-scheduled .....                               | -                | -                          | -           | 1,813                             | 163                         | 2,232              | 349               | 4,557      | 4,557       |
| Totals .....                                      | 220,541          | 43,916                     | 264,457     | 2,364                             | 7,359                       | 4,977              | 1,606             | 16,306     | 280,763     |
| Mail - Scheduled .....                            | 1,144,288        | 245,087                    | 1,389,375   | 2,402                             | 44,178                      | 2,585              | 4,951             | 54,116     | 1,443,491   |
| Non-scheduled .....                               | -                | -                          | -           | 15,555                            | 458                         | 1,231              | 8,757             | 25,981     | 25,981      |
| Totals .....                                      | 1,144,288        | 245,087                    | 1,389,375   | 17,957                            | 44,636                      | 3,816              | 13,708            | 80,097     | 1,469,472   |
| Total - Scheduled .....                           | 6,043,853        | 1,533,065                  | 7,576,918   | 13,547                            | 330,289                     | 25,665             | 24,535            | 394,036    | 7,970,954   |
| Non-scheduled .....                               | -                | -                          | -           | 230,075                           | 9,062                       | 13,378             | 30,153            | 282,668    | 282,668     |
| Totals .....                                      | 6,043,853        | 1,533,065                  | 7,576,918   | 243,622                           | 339,351                     | 39,043             | 54,688            | 676,704    | 8,253,622   |
| Available ton-miles on scheduled services .....   | 80,300,035       | 20,143,310                 | 100,443,345 | 314,990                           | 1,752,333                   | 373,650            | 418,140           | 2,859,113  | 103,302,458 |
| Weight load factor on scheduled services(3) ..... | 53.5             | 55.0                       | 53.8        | 32.1                              | 53.9                        | 60.1               | 49.3              | 51.6       | 53.7        |
| Bulk:   |                  |                            |             |                                   |                             |                    |                   |            |             |
| Departures .....                                  | 128              | 132                        | 260         | 968                               | 3,582                       | 54                 | 553               | 5,157      | 5,417       |
| Hours flown .....                                 | 554              | 752                        | 1,306       | 965                               | 3,658                       | 58                 | 1,110             | 5,791      | 7,097       |
| Miles flown .....                                 | 265,839          | 274,241                    | 540,080     | 92,083                            | 501,793                     | 8,630              | 198,319           | 800,825    | 1,340,905   |
| Passengers carried .....                          | 8,614            | 7,009                      | 15,623      | 2,423                             | 9,823                       | 68                 | 3,024             | 15,338     | 30,961      |
| Freight carried .....                             | -                | -                          | -           | 119,105                           | 1,667,777                   | 177,469            | 1,026,506         | 2,990,857  | 2,990,857   |
| Passenger-miles(4) .....                          | 29,790,843       | 26,990,391                 | 56,781,234  | 310,265                           | 13,189,454                  | 21,857             | 2,369,222         | 15,890,798 | 72,672,032  |
| Goods ton-miles(4) .....                          | -                | -                          | -           | 9,905                             | 74,414                      | 14,197             | 503,127           | 601,643    | 601,643     |
| Revenue non-transportation services:              |                  |                            |             |                                   |                             |                    |                   |            |             |
| Specialty flying - Hours flown .....              | 31               | -                          | 31          | 232                               | -                           | -                  | 19                | 251        | 282         |
| Total - All services:                             |                  |                            |             |                                   |                             |                    |                   |            |             |
| Traffic, hours and miles:(5)                      |                  |                            |             |                                   |                             |                    |                   |            |             |
| Revenue:  |                  |                            |             |                                   |                             |                    |                   |            |             |
| Departures .....                                  | 13,689           | 2,149                      | 15,838      | 2,043                             | 5,486                       | 1,325              | 1,684             | 10,538     | 26,376      |
| Hours flown .....                                 | 19,191           | 4,450                      | 23,641      | 2,281                             | 5,677                       | 1,090              | 2,422             | 11,470     | 35,111      |
| Miles flown .....                                 | 5,732,741        | 1,575,189                  | 7,307,930   | 260,867                           | 818,666                     | 182,579            | 381,643           | 1,643,775  | 8,951,705   |
| Passengers carried .....                          | 434,325          | 62,270                     | 496,595     | 12,654                            | 32,251                      | 10,677             | 9,509             | 64,891     | 561,486     |
| Cargo carried .....                               | 7,763,118        | 1,052,865                  | 8,815,983   | 916,891                           | 2,818,820                   | 360,137            | 1,213,231         | 5,309,079  | 14,125,062  |
| Goods carried .....                               | 10,479,929       | 1,350,891                  | 11,830,820  | 1,037,130                         | 3,001,662                   | 413,022            | 1,327,591         | 5,779,405  | 17,610,225  |
| Passenger-miles(4) .....                          | 398,942,417      | 122,532,108                | 521,474,525 | 3,218,692                         | 19,731,690                  | 3,385,700          | 4,547,713         | 30,883,795 | 552,358,320 |
| Goods ton-miles(4) .....                          | 6,043,853        | 1,533,065                  | 7,576,918   | 253,527                           | 413,765                     | 53,240             | 557,815           | 1,278,347  | 8,855,265   |

See footnotes at end of table.



TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

July 1965

|   | Group I carriers |                            |            | Group II carriers                 |                              |                    |                   |           | Grand total |
|---|------------------|----------------------------|------------|-----------------------------------|------------------------------|--------------------|-------------------|-----------|-------------|
|   | Air Canada       | Canadian Pacific Air Lines | Total      | Eastern Provincial Airways (1963) | Pacific Western Airlines (1) | Quebecair Inc. (1) | Transair Ltd. (1) | Total (1) |             |
| <b>Total - All services - Concluded:</b>  |                  |                            |            |                                   |                              |                    |                   |           |             |
| Traffic, hours and miles - Concluded: (5) |                  |                            |            |                                   |                              |                    |                   |           |             |
| Non-revenue:                              |                  |                            |            |                                   |                              |                    |                   |           |             |
| Hours flown .....                         | 276              | 78                         | 354        | 168                               | 330                          | 29                 | 86                | 613       | 967         |
| Passengers carried .....                  | ..               | 2,459                      | 2,459 (2)  | 271                               | 589                          | 163                | 157               | 1,180     | 3,639       |
| Goods carried .....                       | ..               | 170,686                    | 170,686    | 36,781                            | 25,933                       | -                  | 13,136            | 75,850    | 246,536     |
| Passenger-miles .....                     | 16,608,199       | 4,928,433                  | 21,536,632 | 217,944                           | 222,223                      | 48,177             | 68,410            | 556,754   | 22,093,386  |
| Goods ton-miles .....                     | 529,410          | 199,877                    | 729,287    | 9,363                             | 10,487                       | -                  | 3,823             | 23,673    | 752,960     |
| <b>Fuel and oil consumed:</b>             |                  |                            |            |                                   |                              |                    |                   |           |             |
| Turbo fuel - Quantity .....               | 16,437,597       | 4,347,073                  | 20,784,670 | 94,710                            | -                            | 150,171            | 69,916            | 314,797   | 21,099,467  |
| Cost .....                                | 2,120,542        | 704,963                    | 2,825,505  | 18,942                            | -                            | 31,536             | 16,202            | 66,680    | 2,892,185   |
| Gasoline - Quantity .....                 | -                | 455,708                    | 455,708    | 155,615                           | 688,984                      | 32,267             | 247,400           | 1,124,266 | 1,579,974   |
| Cost .....                                | -                | 125,422                    | 125,422    | 49,088                            | 257,998                      | 10,648             | 96,960            | 414,694   | 540,116     |
| Turbo oil - Quantity .....                | 2,863            | 460                        | 3,323      | 44                                | -                            | 783                | 8                 | 835       | 4,158       |
| Cost .....                                | 28,714           | 3,800                      | 32,514     | 660                               | -                            | 2,741              | 80                | 3,481     | 35,995      |
| Other oil - Quantity .....                | -                | 5,442                      | 5,442      | 2,392                             | 8,457                        | 714                | 2,795             | 14,358    | 19,800      |
| Cost .....                                | -                | 5,484                      | 5,484      | 2,990                             | 10,571                       | 571                | 2,353             | 16,485    | 21,969      |
| <b>Average number of employees:</b>       |                  |                            |            |                                   |                              |                    |                   |           |             |
| Pilots and co-pilots .....                | 663              | 228                        | 891        | 61                                | 106                          | 29                 | 55                | 251       | 1,142       |
| Other flight personnel .....              | 875              | 288                        | 1,163      | 15                                | 60                           | 16                 | 24                | 115       | 1,278       |
| General management .....                  | 88               | 111                        | 179        | 8                                 | 66                           | 50                 | 20                | 144       | 323         |
| Maintenance labour .....                  | 2,683            | 542                        | 3,225      | 215                               | 208                          | 75                 | 103               | 601       | 3,826       |
| Aircraft and traffic servicing .....      | 4,319            | 928                        | 5,247      | 118                               | 114                          | 109                | 58                | 399       | 5,646       |
| Other personnel .....                     | 3,887            | 725                        | 4,612      | 44                                | 28                           | 9                  | 56                | 137       | 4,749       |
| Total employees .....                     | 12,495           | 2,822                      | 15,317     | 461                               | 582                          | 288                | 316               | 1,647     | 16,964      |
| <b>Salaries and wages:</b>                |                  |                            |            |                                   |                              |                    |                   |           |             |
| Pilots and co-pilots .....                | 879,344          | 298,189                    | 1,177,533  | 50,822                            | 105,788                      | 25,049             | 43,894            | 225,553   | 1,403,086   |
| Other flight personnel .....              | 438,119          | 166,156                    | 604,275    | 4,102                             | 28,939                       | 5,071              | 7,293             | 45,405    | 649,680     |
| General management .....                  | 123,918          | 97,004                     | 220,922    | 8,166                             | 30,465                       | 21,998             | 13,470            | 73,470    | 294,392     |
| Maintenance labour .....                  | 1,535,726        | 261,884                    | 1,797,610  | 99,561                            | 123,063                      | 39,385             | 45,150            | 307,159   | 2,104,769   |
| Aircraft and traffic servicing .....      | 2,183,346        | 418,724                    | 2,602,070  | 46,588                            | 69,645                       | 46,991             | 25,708            | 188,932   | 2,791,002   |
| Other personnel .....                     | 2,162,259        | 295,483                    | 2,457,742  | 18,326                            | 5,005                        | 5,421              | 8,909             | 37,661    | 2,495,403   |
| Total salaries and wages .....            | 7,322,712        | 1,537,440                  | 8,860,152  | 227,565                           | 362,905                      | 143,215            | 144,495           | 878,180   | 9,738,332   |

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Excludes Air Canada.

(3) Standard passenger weight used: 200 pounds.

(4) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(5) These data exclude non-transportation services, except for hours flown.

TABLE 5. Revenue Interline Traffic(1), Canadian Scheduled Carriers - All Services, by Company

July 1965

|                                | Air<br>Canada | Canadian<br>Pacific<br>Air Lines | Eastern<br>Provincial<br>Airways<br>(1963) | Pacific<br>Western<br>Airlines | Quebecair<br>Inc. | Transair<br>Ltd. | Total      |
|--------------------------------|---------------|----------------------------------|--|--------------------------------|-------------------|------------------|------------|
| <b>Passengers carried:</b>     |               |                                  |  |                                |                   |                  |            |
| Originated .....               | 339,299       | 46,419                           | 7,148                                      | 20,477                         | 10,609            | 5,225            | 429,177    |
| Domestic interline .....       | 86,412        | 3,875                            | 2,997                                      | -                              | -                 | -                | 98,002     |
| Foreign interline .....        |               | 4,718                            | -  | -                              | -                 | -                |            |
| Totals(2) .....                | 425,711       | 55,012                           | 10,145                                     | 20,477                         | 10,609            | 5,225            | 527,179    |
| <b>Express carried:</b>        |               |                                  |  |                                |                   |                  |            |
| Originated .....               | 1,177,107     | 140,902                          | 22,362                                     | 47,484                         | -                 | 16,521           | 1,404,376  |
| Domestic interline .....       | -             | -                                | -  | -                              | -                 | -                | -          |
| Foreign interline .....        | -             | -                                | -  | -                              | -                 | -                | -          |
| Totals(2) .....                | 1,177,107     | 140,902                          | 22,362                                     | 47,484                         | -                 | 16,521           | 1,404,376  |
| <b>Freight carried:</b>        |               |                                  |  |                                |                   |                  |            |
| Originated .....               | 6,586,011     | 735,867                          | 774,670                                    | 1,026,939                      | 182,668           | 84,014           | 9,390,169  |
| Domestic interline .....       | -             | 38,270                           | -  | -                              | -                 | -                | 38,270     |
| Foreign interline .....        | -             | 33,688                           | -  | -                              | -                 | -                | 33,688     |
| Totals(2) .....                | 6,586,011     | 807,825                          | 774,670                                    | 1,026,939                      | 182,668           | 84,014           | 9,462,127  |
| <b>Excess baggage carried:</b> |               |                                  |  |                                |                   |                  |            |
| Originated .....               | ..            | 50,448                           | 14,407                                     | 33,247                         | 24,600            | 6,773            | 129,475(3) |
| Domestic interline .....       | ..            | -                                | -  | -                              | -                 | -                | -          |
| Foreign interline .....        | ..            | -                                | -  | -                              | -                 | -                | -          |
| Totals(2) .....                | ..            | 50,448                           | 14,407                                     | 33,247                         | 24,600            | 6,773            | 129,475(3) |
| <b>Mail carried:</b>           |               |                                  |  |                                |                   |                  |            |
| Originated .....               | 2,716,811     | 247,578                          | 105,539                                    | 139,536                        | 28,285            | 24,736           | 3,262,485  |
| Domestic interline .....       | -             | -                                | -  | -                              | -                 | -                | -          |
| Foreign interline .....        | -             | -                                | -  | -                              | -                 | -                | -          |
| Totals(2) .....                | 2,716,811     | 247,578                          | 105,539                                    | 139,536                        | 28,285            | 24,736           | 3,262,485  |

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Board.

(2) Excludes division interline.

(3) Excludes Air Canada.



TABLE 6. Operating Statistics, Canadian International Carriers - All Revenue Services, by area of Service

July 1965

|  | Trans-<br>Border<br>Services | Trans-<br>Atlantic<br>and Polar<br>Services | Southern<br>Services | Pacific<br>and<br>Orient<br>Services | Total<br>International<br>Services | Domestic<br>Services | Grand<br>total |
|--|------------------------------|---|----------------------|--------------------------------------|------------------------------------|----------------------|----------------|
| Unit toll:   |                              |   |                      |                                      |                                    |                      |                |
| Departures .....   | 2,361                        | 635   | 406                  | 103                                  | 3,505                              | 12,073               | 15,578         |
| Hours flown .....  | 3,399                        | 2,681                                       | 1,142                | 654                                  | 7,876                              | 14,428               | 22,304         |
| Miles flown: .....                                       | 751,824                      | 1,294,844                                   | 425,474              | 318,569                              | 2,790,711                          | 3,828,328            | 6,619,039      |
| Scheduled .....  | 747,634                      | 1,273,169                                   | 424,955              | 309,123                              | 2,754,881                          | 3,802,676            | 6,557,557      |
| Extra sections .....                                     | 29,319                       | 29,072                                      | 2,268                | -                                    | 60,659                             | 149,634              | 210,293        |
| Non-scheduled .....                                      | -                            | -   | -                    | -                                    | -                                  | -                    | -              |
| Totals .....   | 776,953                      | 1,302,241                                   | 427,223              | 309,123                              | 2,815,540                          | 3,952,310            | 6,767,850      |
| Ratio of regular miles flown to miles<br>scheduled ..... | 99.4                         | 98.3  | 99.9                 | 97.0                                 | 98.7                               | 99.3                 | 99.1           |
| Passengers carried .....                                 | ...                          | ...   | ...                  | ...                                  | 171,069                            | 309,903              | 480,972        |
| Cargo carried .....                                      | ...                          | ...   | ...                  | ...                                  | 3,543,511                          | 5,272,472            | 8,815,983      |
| Mail carried .....                                       | ...                          | ...   | ...                  | ...                                  | 416,070                            | 2,548,319            | 2,964,389      |
| Passenger-miles .....                                    | 41,778,196                   | 119,094,595                                 | 28,810,943           | 21,311,486                           | 210,995,220                        | 253,698,071          | 464,693,291    |
| Available seat-miles on scheduled services               | 62,661,733                   | 168,795,463                                 | 51,912,117           | 37,649,602                           | 321,018,915                        | 360,734,025          | 681,752,940    |
| Passenger load factor on scheduled services              | 66.7                         | 70.6  | 55.5                 | 56.6                                 | 65.7                               | 70.3                 | 68.1           |
| Goods ton-miles:   |                              |   |                      |                                      |                                    |                      |                |
| Express .....  | 61,744                       | -   | -                    | -                                    | 61,744                             | 463,417              | 525,161        |
| Freight .....  | 366,293                      | 1,427,095                                   | 374,799              | 497,273                              | 2,665,460                          | 2,732,465            | 5,397,925      |
| Excess baggage .....                                     | 21,087                       | 56,356                                      | 24,144               | 9,489                                | 109,076                            | 155,381              | 264,457        |
| Mail .....   | 37,086                       | 238,205                                     | 64,920               | 116,269                              | 456,480                            | 932,895              | 1,389,375      |
| Totals .....   | 486,210                      | 1,719,656                                   | 463,863              | 623,031                              | 3,292,760                          | 4,284,158            | 7,576,918      |
| Available ton-miles on scheduled service ....            | 8,784,247                    | 25,824,808                                  | 6,546,001            | 5,238,114                            | 46,393,170                         | 54,050,175           | 100,443,345    |
| Weight load factor on scheduled services (1)             | 53.1                         | 52.8  | 51.1                 | 52.6                                 | 52.6                               | 54.9                 | 53.8           |
| Bulk:  |                              |   |                      |                                      |                                    |                      |                |
| Departures .....   | 107                          | 379   | -                    | -                                    | 486                                | ...                  | ...            |
| Hours flown .....  | 152                          | 2,231                                       | -                    | -                                    | 2,383                              | ...                  | ...            |
| Miles flown .....  | 29,162                       | 768,423                                     | -                    | -                                    | 797,585                            | ...                  | ...            |
| Passengers carried .....                                 | 511                          | 20,499                                      | -                    | -                                    | 21,010                             | ...                  | ...            |
| Goods carried .....                                      | 2,671                        | -   | -                    | -                                    | 2,671                              | ...                  | ...            |
| Passenger-miles (2) .....                                | 220,895                      | 76,746,078                                  | -                    | -                                    | 76,966,973                         | ...                  | ...            |
| Goods ton-miles (2) .....                                | 1,114                        | -   | -                    | -                                    | 1,114                              | ...                  | ...            |
| Total:   |                              |   |                      |                                      |                                    |                      |                |
| Departures .....   | 2,468                        | 1,014                                       | 406                  | 103                                  | 3,991                              | ...                  | ...            |
| Hours flown .....  | 3,551                        | 4,912                                       | 1,142                | 654                                  | 10,259                             | ...                  | ...            |
| Miles flown .....  | 806,115                      | 2,070,664                                   | 427,223              | 309,123                              | 3,613,125                          | ...                  | ...            |
| Passengers carried .....                                 | ...                          | ...   | ...                  | ...                                  | 192,079                            | ...                  | ...            |
| Goods carried .....                                      | ...                          | ...   | ...                  | ...                                  | 3,962,252                          | ...                  | ...            |
| Passenger-miles (2) .....                                | 41,999,091                   | 195,840,673                                 | 28,810,943           | 21,311,486                           | 287,962,193                        | ...                  | ...            |
| Goods ton-miles (2) .....                                | 487,324                      | 1,719,656                                   | 463,863              | 623,031                              | 3,293,874                          | ...                  | ...            |

(1) Standard passenger weight used: 200 pounds.

(2) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

TABLE 7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)

July 1965

|   | United States              |                 |           | Europe                    |                 |           |
|---|----------------------------|-----------------|-----------|---------------------------|-----------------|-----------|
|   | To                         | From            | Total     | To                        | From            | Total     |
| <b>Passengers carried:</b>                          |                            |                 |           |                           |                 |           |
| Unit toll ..... No.                                 | 103,860                    | 103,835         | 207,695   | 33,339                    | 35,518          | 68,857    |
| Bulk ..... "  | 763                        | 1,031           | 1,794     | 10,455                    | 8,452           | 18,907    |
| Totals ..... "                                      | 104,623                    | 104,866         | 209,489   | 43,794                    | 43,970          | 87,764    |
| <b>Freight, express and excess baggage carried:</b> |                            |                 |           |                           |                 |           |
| Unit toll ..... lb.                                 | 768,768                    | 2,488,091       | 3,256,859 | 728,207                   | 1,739,573       | 2,467,780 |
| Bulk ..... "  | -                          | -               | -         | -                         | -               | -         |
| Totals ..... "                                      | 768,768                    | 2,488,091       | 3,256,859 | 728,207                   | 1,739,573       | 2,467,780 |
| Mail carried (unit toll) ..... "                    | 127,943                    | 229,372         | 357,315   | 96,442                    | 160,093         | 256,535   |
|   | All other areas            |                 |           | Totals                    |                 |           |
|   | To                         | From            | Total     | To                        | From            | Total     |
| <b>Passengers carried:</b>                          |                            |                 |           |                           |                 |           |
| Unit toll ..... No.                                 | 6,683                      | 6,667           | 13,350    | 143,882                   | 146,020         | 289,902   |
| Bulk ..... "  | -                          | -               | -         | 11,218                    | 9,483           | 20,701    |
| Totals ..... "                                      | 6,683                      | 6,667           | 13,350    | 155,100                   | 155,503         | 310,603   |
| <b>Freight, express and excess baggage carried:</b> |                            |                 |           |                           |                 |           |
| Unit toll ..... lb.                                 | 191,693                    | 156,483         | 348,176   | 1,688,668                 | 4,384,147       | 6,072,815 |
| Bulk ..... "  | -                          | -               | -         | -                         | -               | -         |
| Totals ..... "                                      | 191,693                    | 156,483         | 348,176   | 1,688,668                 | 4,384,147       | 6,072,815 |
| Mail carried (unit toll) ..... "                    | 18,750                     | 26,303          | 45,053    | 243,135                   | 415,768         | 658,903   |
|   | Total by Canadian carriers |                 |           | Total by Foreign carriers |                 |           |
|   | Leaving Canada             | Entering Canada | Total     | Leaving Canada            | Entering Canada | Total     |
| <b>Passengers carried:</b>                          |                            |                 |           |                           |                 |           |
| Unit toll ..... No.                                 | 82,018                     | 84,300          | 166,318   | 61,864                    | 61,720          | 123,584   |
| Bulk ..... "  | 8,508                      | 5,980           | 14,488    | 2,710                     | 3,503           | 6,213     |
| Totals ..... "                                      | 90,526                     | 90,280          | 180,806   | 64,574                    | 65,223          | 129,797   |
| <b>Freight, express and excess baggage carried:</b> |                            |                 |           |                           |                 |           |
| Unit toll ..... lb.                                 | 979,491                    | 2,433,984       | 3,413,475 | 709,177                   | 1,950,163       | 2,659,340 |
| Bulk ..... "  | -                          | -               | -         | -                         | -               | -         |
| Totals ..... "                                      | 979,491                    | 2,433,984       | 3,413,475 | 709,177                   | 1,950,163       | 2,659,340 |
| Mail carried (unit toll) ..... "                    | 162,744                    | 222,378         | 385,122   | 80,391                    | 193,390         | 273,781   |

(1) Passengers and goods in transit through Canada are excluded.

TABLE 8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service

July 1965

| Type of service:                     | Fixed wing aircraft |                |               |                | Helicopters   |                |               |                |
|--------------------------------------|---------------------|----------------|---------------|----------------|---------------|----------------|---------------|----------------|
|                                      | Month               |                | Year to date  |                | Month         |                | Year to date  |                |
|                                      | Revenue hours       | Revenue earned | Revenue hours | Revenue earned | Revenue hours | Revenue earned | Revenue hours | Revenue earned |
|                                      | No.                 | \$             | No.           | \$             | No.           | \$             | No.           | \$             |
| Aerial advertising .....             | 6                   | 570            | 11            | 968            | 86            | 4,002          | 608           | 59,277         |
| Aerial fish cultivation .....        | 8                   | 1,728          | 31            | 1,728          | -             | -              | -             | -              |
| Aerial patrol and inspection .....   | 1,457               | 168,903        | 7,151         | 746,435        | 1,589         | 189,533        | 5,069         | 757,206        |
| Aerial pest control .....            | 96                  | 70,558         | 2,425         | 507,478        | -             | -              | -             | -              |
| Aerial photography and survey .....  | 589                 | 117,535        | 4,072         | 553,644        | 358           | 31,438         | 1,023         | 90,402         |
| Aerial photography (excl. survey) .. | 173                 | 9,202          | 481           | 22,399         | 81            | 1,398          | 426           | 17,575         |
| Aircraft rental .....                | 92                  | 1,792          | 484           | 8,491          | -             | -              | -             | -              |
| Flying training .....                | 7,478               | 112,367        | 32,768        | 541,821        | -             | -              | 563           | 33,942         |
| Geophysical survey .....             | 1,163               | 57,078         | 5,372         | 461,153        | 972           | 45,102         | 2,780         | 287,566        |
| Non-transportation charter .....     | 218                 | 99,564         | 420           | 125,020        | -             | -              | -             | -              |
| Philanthropic .....                  | -                   | -              | -             | -              | -             | -              | -             | -              |
| Recreational flying .....            | 2,066               | 41,971         | 8,934         | 195,184        | 219           | 18,370         | 462           | 33,499         |
| Specialty flying - Other .....       | -                   | -              | 22            | 1,533          | 53            | 2,390          | 601           | 45,445         |
| Totals .....                         | 13,346              | 681,268        | 62,171        | 3,165,854      | 3,358         | 292,233        | 11,532        | 1,324,912      |

TABLE 9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV

July 1965

|                                       | Carriers operating helicopters only |              | Carriers operating both helicopters and fixed wing aircraft |              | Total   |              |
|---------------------------------------|-------------------------------------|--------------|---|--------------|---------|--------------|
|                                       | Month                               | Year to date | Month   | Year to date | Month   | Year to date |
| Carriers reporting .....              | No. 14                              | ...          | 9   | ...          | 23      | ...          |
| Helicopters - Owned .....             | " 147                               | 150          | 26  | 21           | 173     | 171          |
| Leased .....                          | " 28                                | 20           | 6   | 2            | 34      | 22           |
| Totals .....                          | " 175                               | 170          | 32  | 23           | 207     | 193          |
| Revenue hours flown - Unit toll ..... | " 5                                 | 190          | -   | -            | 5       | 190          |
| Bulk .....                            | " 14,294                            | 40,868       | 638   | 2,418        | 14,932  | 43,286       |
| Specialty .....                       | " 1,655                             | 6,382        | 1,703   | 4,937        | 3,358   | 11,319       |
| Totals .....                          | " 15,954                            | 47,440       | 2,341   | 7,355        | 18,295  | 54,795       |
| Non-revenue hours flown .....         | " 370                               | 3,369        | 90  | 280          | 460     | 3,649        |
| Fuel and oil consumed:                |                                     |              |   |              |         |              |
| Gasoline .....                        | gal. 256,164                        | 850,327      | 18,905  | 80,409       | 275,069 | 930,736      |
| Cost .....                            | \$ 122,958                          | 395,348      | 8,542   | 46,848       | 131,500 | 442,196      |
| Oil .....                             | gal. 4,548                          | 14,785       | 167   | 1,236        | 4,715   | 16,021       |
| Cost .....                            | \$ 7,408                            | 26,216       | 284   | 1,856        | 7,692   | 28,072       |
| Average number of employees:          |                                     |              |   |              |         |              |
| Pilots .....                          | No. 199                             | 167          | 17  | 12           | 216     | 179          |
| Administrative .....                  | " 67                                | 54           | 2   | 1            | 69      | 55           |
| Maintenance labour .....              | " 163                               | 157          | 10  | 7            | 173     | 164          |
| Other personnel .....                 | " 7                                 | 7            | -   | -            | 7       | 7            |
| Totals .....                          | " 436                               | 385          | 29  | 20           | 465     | 405          |
| Salaries and wages:                   |                                     |              |   |              |         |              |
| Pilots .....                          | \$ 170,160                          | 880,702      | 13,388  | 66,212       | 183,548 | 946,914      |
| Administrative .....                  | \$ 34,494                           | 260,336      | 1,300   | 7,500        | 35,794  | 267,836      |
| Maintenance labour .....              | \$ 85,726                           | 566,783      | 6,498   | 28,778       | 92,224  | 595,561      |
| Other personnel .....                 | \$ 2,243                            | 14,651       | -   | -            | 2,243   | 14,651       |
| Totals .....                          | \$ 292,623                          | 1,722,472    | 21,186  | 102,490      | 313,809 | 1,824,962    |

TABLE 10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV  
July 1965

|  | Current month | Year to date |
|--|---------------|--------------|
|  | dollars       |              |
| Operating revenues:                      |               |              |
| Unit toll transportation:                |               |              |
| Passengers .....                         | -             | -            |
| Express .....                            | -             | -            |
| Freight .....                            | -             | -            |
| Excess baggage .....                     | -             | -            |
| Mail .....                               | -             | -            |
| Total unit toll transportation .....     | -             | -            |
| Bulk transportation .....                | 1,646,173     | 4,910,355    |
| Total transportation .....               | 1,646,173     | 4,910,355    |
| Other flying services .....              | 196,502       | 652,387      |
| Total flying services .....              | 1,842,675     | 5,562,742    |
| Non-flying services .....                | Dr. 168,611   | 81,050       |
| Total operating revenues .....           | 1,674,064     | 5,643,792    |
| Operating expenses:                      |               |              |
| Flying operations .....                  | 483,160       | 2,032,492    |
| Maintenance .....                        | 350,880       | 1,649,659    |
| General service and administration ..... | 87,449        | 560,363      |
| Depreciation and amortization .....      | 74,640        | 539,747      |
| Total operating expenses .....           | 996,129       | 4,782,261    |
| Operating income (deficit) .....         | 677,935       | 861,531      |
| Non-operating income:                    |               |              |
| Capital gains and losses .....           | Dr. 16,448    | 77,263       |
| Interest and discounts .....             | 2,297         | 7,999        |
| Miscellaneous non-operating income ..... | 1,651         | 19,853       |
| Income before interest expense .....     | 665,435       | 966,646      |
| Interest expense .....                   | 19,766        | 138,357      |
| Income before income taxes .....         | 645,669       | 828,289      |
| Provision for income taxes .....         | 6,020         | 10,753       |
| Net income after income taxes .....      | 639,649       | 817,536      |

CIVIL AVIATION DEFINITIONS(1)

Bulk Transportation:

- (1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4); and
- (2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).

Classification of Canadian Carriers by Groups

Group I Carriers:

Canadian Air Carriers licensed to perform both domestic and international scheduled services. (Air Canada and Canadian Pacific Air Lines Ltd.).

Group II Carriers:

Canadian Air Carriers other than Group I carriers licensed to perform domestic scheduled services and Nordair Ltd.(2).

Group III Carriers:

Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$500,000 or over (excepting air carriers included in Group I and II).

Group IV Carriers:

Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$100,000 and over, but less than \$500,000.

Group V Carriers:

Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of less than \$100,000.

Cargo:

Air freight and air express (excluding mail and excess baggage).

Carrier, Air:

Any person who operates aircraft in or over Canada for hire or reward.

Non-Scheduled Carriers:

Carriers not operating any scheduled (Class I) service.

Scheduled Carriers:

Air Carriers serving designated points in accordance with a service schedule and at a toll per unit.

Express, Air:

It is a package service operated within the U.S.A. and Canada only; the rates cover door-to-door service. Because Air Express shipments are carried on all flights and take priority over Air Freight and because Express shipments receive priority on the ground too, they take higher rates.

- 
- (1) Reference to Classes refers to the classification of air carriers as defined by the Air Transport Board and published in the "Directory of Canadian Commercial Air Services" Queen's Printer, Ottawa.
  - (2) For statistical purposes in this report, Nordair Ltd. is included with Group III carriers.



Freedoms of the Air:

- First Freedom: The privilege to fly over the territory of a foreign country without landing.
- Second Freedom: The privilege to land on the territory of a foreign country for non-traffic purposes.
- Third Freedom: The privilege to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
- Fourth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
- Fifth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the privilege to put down in a foreign country, passengers, mail and cargo coming from any such territory.

Freight, Air:

Articles carried on regular flights at standard per pound rates when space is available.

Goods:

Air Cargo (freight and express) plus mail and excess baggage.

Interline Traffic:

- Domestic Interline: Passengers and goods received by a carrier at Canadian points from other Canadian Air Carriers.
- Foreign Interline: Passengers and goods received by a carrier from Foreign Air Carriers.
- Divisional Interline: Passengers and goods received from other operating divisions of the same carrier.

International Services:

- Trans-Border Services: Services between Canada and the United States.
- Southern Services: Services between Canada and Bermuda, the Caribbean, Mexico, Central or South America.
- Trans-Atlantic and Polar Services: Services between Canada and Europe.
- Pacific and Orient Services: Services between Canada and points in the Pacific Ocean or the Orient.

Load Capacity Available:

Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, stewards' supplies, etc.



|                                   |  |
|-----------------------------------|--|
| <u>Load Factor, Passenger:</u>    | Ratio of revenue passenger-miles performed to available seat-miles.  |
| <u>Load Factor, Weight:</u>       | - See Weight, Load-Factor.   |
| <u>Miles:</u>                     | Statute miles of 5,280 ft.   |
| <u>Passenger:</u>                 | A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger. A round trip passenger is counted as two passengers.   |
| <u>Passenger Load-Factor:</u>     | - See Load Factor, Passenger.  |
| <u>Passenger-Mile:</u>            | The transportation of one passenger one mile.  |
| <u>Non-Revenue Passenger:</u>     | A child or adult carried on a revenue transportation flight for whom no fare is collected, including company personnel.  |
| <u>Revenue Passenger:</u>         | A child or adult for which a fare or part of a fare is paid.   |
| <u>Seat-Miles Available:</u>      | Seats available for the transportation of passengers multiplied by the miles flown on each inter-station flight.   |
| <u>Specialty Flying Services:</u> | Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising.   |
| <u>Tons:</u>                      | Short tons of 2,000 lbs.   |
| <u>Ton-Mile:</u>                  | The transportation of one ton of goods one mile.   |
| <u>Ton-Miles Available:</u>       | Available load capacity multiplied by miles flown on each inter-station flight.  |
| <u>Unit Toll Transportation:</u>  | Public transportation of passengers and goods at a toll per unit. It includes: <ul style="list-style-type: none"><li>(i) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class I); and</li><li>(ii) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3).</li></ul> |
| <u>Weight Load Factor:</u>        | Ratio of revenue ton-miles performed to available ton-miles.   |





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## SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures are not available.
- ... Figures not appropriate or not applicable.
- Nil or zero.

## INTRODUCTION

"Civil Aviation" reports are prepared from monthly and quarterly schedules filed with the Air Transport Board and the Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly returns filed with the Dominion Bureau of Statistics by foreign air carriers operating in Canada.

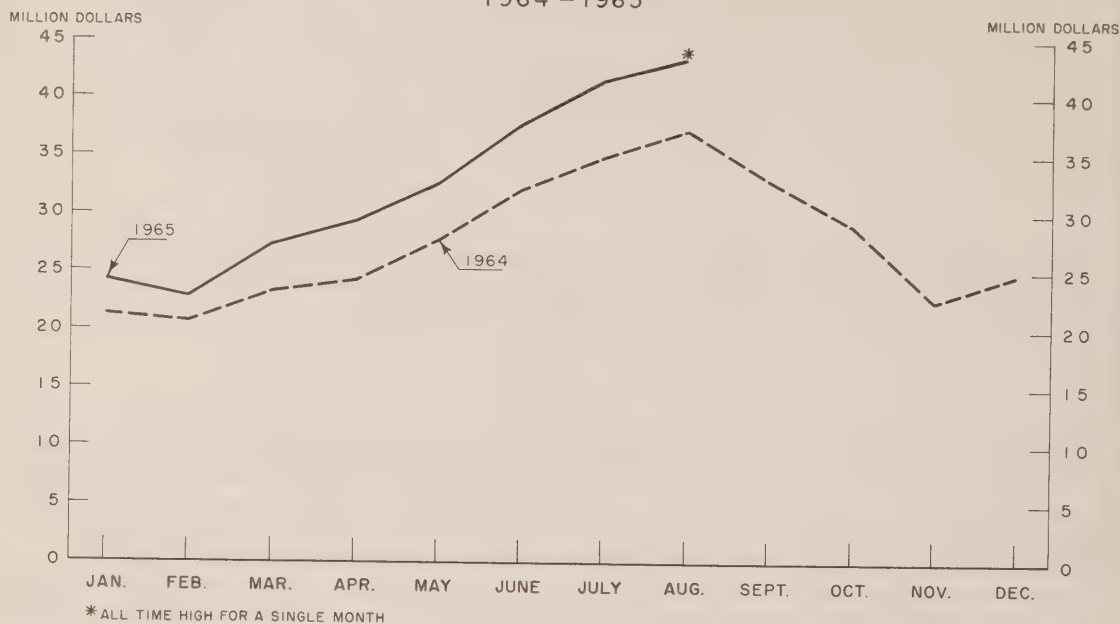
For reporting purposes, Canadian air carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. These groups are described on page twenty of this publication along with other definitions. It should be noted that the definition of each of the five groups was revised as of 1st January 1964. In January 1965, 3 former Group IV carriers were promoted to Group III, 1 Group III carrier was transferred to Group IV and 7 Group V carriers were transferred to Group IV. It should also be noted that Nordair Ltd., classified as a Group II carrier by the Air Transport Board, is included with Group III carriers for statistical purposes. Group V is comprised of small air carriers required to file returns on a quarterly basis only. Data on their operations are excluded from the other carrier statistics appearing throughout the report.

Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. A complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

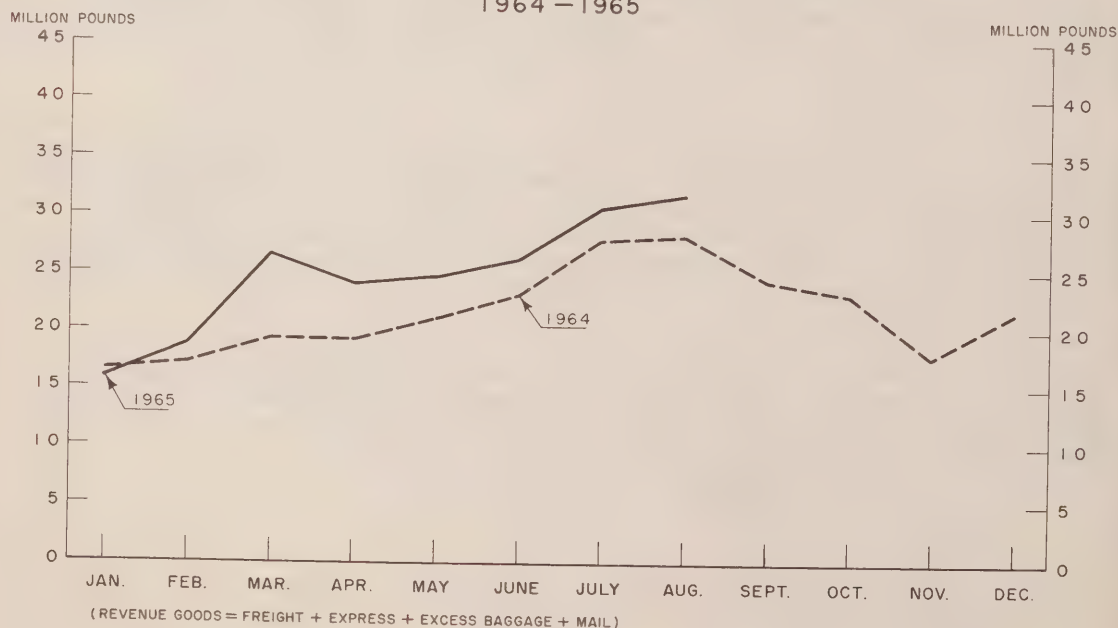
Domestic and international operations of Canadian carriers are combined in all tables except Table 6 which provides a breakdown of domestic and international operations for Canadian carriers operating international unit toll and bulk services. It should be noted that there are only two Canadian carriers which operate international services on a unit toll basis; however there are other Canadian carriers, in addition to these two carriers, which operate international flights on a bulk or charter basis.

Table 7 provides data on traffic leaving and entering Canada on an area of service basis. Passengers, cargo and mail in transit through Canada are excluded. The table contains the operations of both Canadian and Foreign carriers with separate totals for each.

# OPERATING REVENUE OF CANADIAN AIR CARRIERS 1964 - 1965



# REVENUE GOODS CARRIED BY CANADIAN AIR CARRIERS 1964 - 1965



REVIEW OF AUGUST OPERATIONS  
(August 1964 figures in brackets)

Increases were reported in the transportation of both revenue passengers and revenue goods by Canadian air carriers during the month of August compared with August 1964. The number of passengers carried totalled 671,769 (596,100) an increase of 12.7 per cent. The weight of goods transported rose to 14,528 tons (14,155), an increase of 2.6 per cent. Revenue miles flown increased 10.0 per cent to 12,269,397 (11,157,660).

Unit toll and bulk transportation services performed by Canadian carriers accounted for a total of 602,148,632 (519,021,384) passenger-miles and 10,343,511 (8,873,310) goods ton-miles. Unit toll services made up 85.2 per cent of the total passenger-miles and 11.6 per cent of the total goods ton-miles.

August operating revenues showed a 16.0 per cent increase over August 1964 to \$43,028,041 (\$37,090,900) while operating expenses rose 12.4 per cent to \$34,874,935 (28,222,238) resulting in an operating income of \$8,153,106 (8,868,662) and an income after taxes of \$6,995,333 (7,885,834).

Fifteen carriers who operated helicopters exclusively reported a total of 17,002 (13,508) hours flown by 188 (129) machines. Nine carriers operating both fixed-wing craft and helicopters reported a total of 2,268 (839) helicopter-hours flown by 31 (16) machines. Operating revenues by helicopter-only carriers for the month of August amounted to \$1,860,259 (1,537,049) while operating expenses amounted to \$1,137,959 (691,148).

During August the six scheduled carriers transported 595,927 (529,500) revenue passengers and 8,689 (7,668) tons of revenue goods which amounted to 88.7 (83.5) per cent of the total number of passengers and 59.8 (42.8) per cent of the total weight of goods carried by all Canadian carriers. Operating revenues of scheduled carriers amounted to \$37,020,243 or 86.0 (86.9) per cent of all Canadian carrier revenues. Operating expenses of scheduled carriers amounted to \$30,594,177 or 87.7 (89.2) per cent of all Canadian air carrier expenses.

Revenue passenger-miles performed by Canadian carriers in international unit toll service in August amounted to 228,959,619 (191,106,357) or 46.3 per cent of the total unit toll passenger-miles performed by Canadian carriers. International services performed by Canadian carriers calculated according to passenger-miles travelled were divided by area as follows:

| <u>Area</u>                    | <u>Percentage</u> |
|--------------------------------|-------------------|
| Trans-Border .....             | 14.7              |
| Trans-Atlantic and Polar ..... | 67.8              |
| Southern .....                 | 9.9               |
| Pacific and Orient .....       | 7.6               |
| Total .....                    | 100.0             |

Foreign Carriers

Foreign carriers licensed to operate in Canada transported 140,609 (105,944) revenue passengers during August, an increase of 32.7 per cent over August 1964. Weight of revenue goods carried totalled 1,338 (1,032) tons, an increase of 29.7 per cent over the same period in 1964. Foreign carriers report hours and miles flown over Canadian territory only. Statistics concerning passengers and goods in transit have been excluded.

Cumulative Figures for the Year to Date (Canadian carriers)

Compared with the same period in 1964 the first eight months of 1965 showed an increase of 13.3 per cent to 4,327,755 (3,819,827) in the number of revenue passengers carried while the weight of revenue goods carried rose 13.3 per cent to 97,837 (86,343) tons. Passenger-miles performed by Canadian carriers totalled 3,475,028,482 (2,947,940,524) while goods ton-miles totalled 79,174,021 (67,666,333) for the first eight months of the year. Operating revenues increased 17.8 per cent to \$260,407,090 (221,096,598) while operating expenses increased 15.9 per cent to \$237,238,920 (204,610,260).

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

August 1965

|                                      | Canadian carriers                                 |                        |           |            |                              | Total<br>Canadian<br>carriers | Foreign carriers (2)            |             | Grand<br>total<br>all<br>carriers | Year<br>to<br>date |
|--------------------------------------|---|------------------------|-----------|------------|------------------------------|-------------------------------|---------------------------------|-------------|-----------------------------------|--------------------|
|                                      | Scheduled<br>carriers<br><br>Group I<br>and II(1) | Non-scheduled carriers |           |            | United<br>States<br>carriers |                               | Other<br>Foreign<br>carriers(3) |             |                                   |                    |
|                                      |   | Group III(1)           | Group IV  | Total      |                              |                               |                                 |             |                                   |                    |
| Number of carriers reporting ...     | 6   | 15                     | 53        | 68         | 74                           | 10                            | 9                               | 93          | ..                                |                    |
| Revenue transportation services:     |   |                        |           |            |                              |                               |                                 |             |                                   |                    |
| Unit toll:                           |   |                        |           |            |                              |                               |                                 |             |                                   |                    |
| Departures .....                     | 20,866  | 3,311                  | 1,639     | 4,950      | 25,816                       |                               |                                 |             |                                   |                    |
| Hours flown .....                    | 27,914  | 3,428                  | 584       | 4,012      | 31,926                       | 375                           | 1,501                           | 33,802      |                                   |                    |
| Miles scheduled .....                | 7,220,780   | ...                    | ...       | ...        | 7,220,780                    | 93,402                        | 597,335                         | 7,911,517   |                                   |                    |
| Miles flown:(4)                      |   |                        |           |            |                              |                               |                                 |             |                                   |                    |
| Scheduled .....                      | 7,411,384   | ...                    | ...       | ...        | 7,411,384                    | 92,668                        | 615,044                         | 8,119,096   |                                   |                    |
| Non-scheduled .....                  | 206,302   | 434,152                | 70,763    | 504,915    | 711,217                      |                               |                                 | 711,217     |                                   |                    |
| Totals .....                         | 7,617,686   | 434,152                | 70,763    | 504,915    | 8,122,601                    | 92,668                        | 615,044                         | 8,830,313   |                                   |                    |
| Passengers carried .....             | 563,598   | 15,281                 | 4,027     | 19,308     | 582,906                      | 88,721                        | 45,205                          | 716,832     |                                   |                    |
| Goods carried:                       |   |                        |           |            |                              |                               |                                 |             |                                   |                    |
| Cargo .....                          | 10,908,916  | 857,134                | 55,595    | 912,729    | 11,821,645                   | 870,795                       | 1,535,317                       | 14,449,747  |                                   |                    |
| Excess baggage .....                 | 161,220(5)  | 55,861                 | 4,909     | 60,770     | 221,990                      |                               |                                 |             |                                   |                    |
| Mail .....                           | 3,821,857   | 89,869                 | 19,767    | 109,636    | 3,931,493                    | 148,733                       | 120,492                         | 4,200,718   |                                   |                    |
| Totals .....                         | 14,891,993  | 1,002,864              | 80,271    | 1,083,135  | 15,975,128                   | 1,019,528                     | 1 655,809                       | 18,650,465  |                                   |                    |
| Passenger-miles .....                | 509,470,653                                       | 3,524,301              | 203,073   | 3,727,374  | 513,198,027                  | 3,755,523                     | 39,855,843                      | 556,809,393 |                                   |                    |
| Goods ton-miles:                     |   |                        |           |            |                              |                               |                                 |             |                                   |                    |
| Cargo .....                          | 6,583,652   | 219,862                | 3,682     | 223,544    | 6,807,196                    |                               |                                 |             |                                   |                    |
| Excess baggage .....                 | 336,406   | 10,739                 | 217       | 10,956     | 347,362                      | 20,937                        | 572,426                         | 7,747,921   |                                   |                    |
| Mail .....                           | 1,696,518   | 25,952                 | 1,707     | 27,659     | 1,724,177                    | 3,309                         | 49,808                          | 1,777,294   |                                   |                    |
| Totals .....                         | 8,616,576   | 256,553                | 5,606     | 262,159    | 8,878,735                    | 24,246                        | 622,234                         | 9,525,215   |                                   |                    |
| Bulk:                                |   |                        |           |            |                              |                               |                                 |             |                                   |                    |
| Departures .....                     | 5,237   | 9,354                  | 22,950    | 32,304     | 37,541                       |                               |                                 |             |                                   |                    |
| Hours flown .....                    | 7,013   | 15,958                 | 23,126    | 39,084     | 46,097                       |                               |                                 |             |                                   |                    |
| Miles flown .....                    | 1,310,291   | 1,094,287              | 1,742,218 | 2,836,505  | 4,146,796                    | 1,593                         | 66,753                          | 46,289      |                                   |                    |
| Passengers carried .....             | 32,329  | 24,253                 | 32,281    | 56,534     | 88,863                       | 876                           | 5,807                           | 95,546      |                                   |                    |
| Freight carried .....                | 2,486,492   | 6,521,406              | 4,073,939 | 10,595,345 | 13,081,837                   | -                             | -                               | 13,081,837  |                                   |                    |
| Passenger-miles(6) .....             | 73,642,702  | 15,098,878             | 209,025   | 15,307,903 | 88,950,605                   |                               |                                 |             |                                   |                    |
| Goods ton-miles(6) .....             | 633,603   | 611,112                | 220,061   | 831,173    | 1,464,776                    |                               |                                 | 1,464,776   |                                   |                    |
| Revenue non-transportation services: |   |                        |           |            |                              |                               |                                 |             |                                   |                    |
| Specialty flying - Hours flown "     | 382   | 5,391                  | 9,603     | 14,994     | 15,376                       | -                             | -                               | 15,376      |                                   |                    |
|                                      |   |                        |           |            |                              |                               |                                 |             |                                   |                    |
|                                      |   |                        |           |            |                              |                               |                                 |             |                                   |                    |
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|                                      |   |                        |           |            |                              |                               |                                 |             |                                   |                    |

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

August 1965

|                                    | Canadian carriers  |              |                        |            |                | Total Canadian carriers | Foreign carriers(2)    |                           | Grand total all carriers | Year to date |
|------------------------------------|--------------------|--------------|------------------------|------------|----------------|-------------------------|------------------------|---------------------------|--------------------------|--------------|
|                                    | Scheduled carriers |              | Non-scheduled carriers |            |                |                         | United States carriers | Other Foreign carriers(3) |                          |              |
|                                    | Groups I and II(1) | Group III(1) | Group IV               | Total      |                |                         |                        |                           |                          |              |
| Total - All services:              |                    |              |                        |            |                |                         |                        |                           |                          |              |
| Revenue:                           |                    |              |                        |            |                |                         |                        |                           |                          |              |
| Traffic, miles and hours:(7)       |                    |              |                        |            |                |                         |                        |                           |                          |              |
| Departures .....                   | 26,103             | 12,665       | 24,589                 | 37,254     | 63,357         |                         |                        |                           |                          |              |
| Hours flown .....                  | 35,309             | 24,777       | 33,313                 | 58,090     | 93,399         |                         |                        |                           |                          |              |
| Miles flown .....                  | 8,927,977          | 1,528,439    | 1,812,981              | 3,341,420  | 12,269,397     |                         |                        |                           |                          |              |
| Passengers carried .....           | 595,927            | 39,534       | 36,308                 | 75,842     | 671,769        |                         |                        |                           |                          |              |
| Cargo carried .....                | 13,395,408         | 7,378,540    | 4,129,534              | 11,508,074 | 25,125,472 (8) |                         |                        |                           |                          |              |
| Goods carried .....                | 17,378,485         | 7,524,270    | 4,154,210              | 11,678,480 | 29,056,965     |                         |                        |                           |                          |              |
| Passenger-miles(6) .....           | 583,113,355        | 18,623,179   | 412,098                | 19,035,277 | 602,148,632    |                         |                        |                           |                          |              |
| Goods ton-miles(6) .....           | 9,250,179          | 867,665      | 225,667                | 1,093,332  | 10,343,511     |                         |                        |                           |                          |              |
| Non-revenue:                       |                    |              |                        |            |                |                         |                        |                           |                          |              |
| Hours flown .....                  | 553                | 457          | 856                    | 1,313      | 1,866          |                         |                        |                           |                          |              |
| Passengers carried .....           | 3,533              | 248          | 9                      | 257        | 3,790          |                         |                        |                           |                          |              |
| Goods carried .....                | 233,312            | 67,530       | 400                    | 67,930     | 301,242        |                         |                        |                           |                          |              |
| Passenger-miles .....              | 22,729,428         | 276,596      | 164                    | 276,760    | 23,006,188     |                         |                        |                           |                          |              |
| Goods ton-miles .....              | 756,965            | 39,667       | -                      | 39,667     | 796,632        |                         |                        |                           |                          |              |
| Fuel and oil consumed:             |                    |              |                        |            |                |                         |                        |                           |                          |              |
| Turbo fuel - Quantity .....        | 21,295,758         | -            | 20,065                 | 20,065     | 21,315,823     |                         |                        |                           |                          |              |
| Cost .....                         | 2,920,135          | -            | 5,491                  | 5,491      | 2,925,626      |                         |                        |                           |                          |              |
| Gasoline - Quantity .....          | 1,571,563          | 1,072,827    | 487,923                | 1,560,750  | 3,132,313      |                         |                        |                           |                          |              |
| Cost .....                         | 533,996            | 390,069      | 227,984                | 618,053    | 1,152,049      |                         |                        |                           |                          |              |
| Turbo oil - Quantity .....         | 5,318              | -            | 3                      | 3          | 5,321          |                         |                        |                           |                          |              |
| Cost .....                         | 46,625             | -            | 45                     | 45         | 46,670         |                         |                        |                           |                          |              |
| Other oil - Quantity .....         | 17,319             | 12,344       | 7,386                  | 19,730     | 37,049         |                         |                        |                           |                          |              |
| Cost .....                         | 20,609             | 19,035       | 11,792                 | 30,827     | 51,436         |                         |                        |                           |                          |              |
| Average number of employees:       |                    |              |                        |            |                |                         |                        |                           |                          |              |
| Pilots and co-pilots .....         | 1,139              | 386          | 419                    | 805        | 1,944          |                         |                        |                           |                          |              |
| Other flight personnel .....       | 1,234              | 65           | 62                     | 127        | 1,361          |                         |                        |                           |                          |              |
| General management .....           | 949                | 109          | 98                     | 207        | 1,156          |                         |                        |                           |                          |              |
| Maintenance labour .....           | 3,958              | 359          | 272                    | 631        | 4,589          |                         |                        |                           |                          |              |
| Aircraft & traffic servicing ..... | 5,046              | 134          | 50                     | 184        | 5,230          |                         |                        |                           |                          |              |
| Other personnel .....              | 4,684              | 206          | 269                    | 475        | 5,159          |                         |                        |                           |                          |              |
| Totals .....                       | 17,010             | 1,259        | 1,170                  | 2,429      | 19,439         |                         |                        |                           |                          |              |
| Salaries and wages paid:           |                    |              |                        |            |                |                         |                        |                           |                          |              |
| Pilots and co-pilots .....         | 1,420,715          | 376,126      | 307,672                | 683,798    | 2,104,513      |                         |                        |                           |                          |              |
| Other flight personnel .....       | 599,149            | 35,721       | 27,304                 | 63,025     | 662,174        |                         |                        |                           |                          |              |
| General management .....           | 575,418            | 63,822       | 63,760                 | 127,582    | 703,000        |                         |                        |                           |                          |              |
| Maintenance labour .....           | 2,107,837          | 196,103      | 131,834                | 327,937    | 2,435,774      |                         |                        |                           |                          |              |
| Aircraft & traffic servicing ..... | 2,524,245          | 60,972       | 15,640                 | 76,612     | 2,600,857      |                         |                        |                           |                          |              |
| Other personnel .....              | 2,482,258          | 75,075       | 93,662                 | 168,737    | 2,650,995      |                         |                        |                           |                          |              |
| Totals .....                       | 9,709,622          | 807,819      | 639,872                | 1,447,691  | 11,157,313     |                         |                        |                           |                          |              |
|                                    |                    |              |                        |            |                |                         |                        |                           |                          |              |
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(1) Group II non-scheduled carriers included with Group III for purposes of this report.

(2) See "Foreign Carriers", page 7, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Air Canada

(6) Excludes chartered aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(7) These data exclude non-transportation services, except for hours flown.

(8) Includes excess baggage.

(9) Data in Tables 4, 5, 6, 7, 8 and 9 included in this table.



TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group

August 1965

|                                       | Scheduled carriers |             |            | Non-scheduled carriers |           |           | Grand total | Year to date |
|---------------------------------------|--------------------|-------------|------------|------------------------|-----------|-----------|-------------|--------------|
|                                       | Group I            | Group II(1) | Total      | Non-scheduled carriers |           |           |             |              |
|                                       |                    |             |            | Group III(1)           | Group IV  | Total     |             |              |
| dollars                               |                    |             |            |                        |           |           |             |              |
| Operating revenues:                   |                    |             |            |                        |           |           |             |              |
| Unit toll transportation:             |                    |             |            |                        |           |           |             |              |
| Passengers .....                      | 28,274,211         | 1,349,515   | 29,623,726 | 449,305                | 43,891    | 493,196   | 30,116,922  | 188,284,242  |
| Express .....                         | 495,441            | 26,387      | 521,828    | 9,891                  | 378       | 10,269    | 532,097     | 3,503,914    |
| Freight .....                         | 1,449,101          | 259,656     | 1,708,757  | 140,480                | 5,615     | 146,095   | 1,854,852   | 13,627,080   |
| Excess baggage .....                  | 153,160            | 22,757      | 175,917    | 11,216                 | 465       | 11,681    | 187,598     | 1,303,646    |
| Mail .....                            | 1,317,201          | 105,242     | 1,422,443  | 38,007                 | 7,254     | 45,261    | 1,467,704   | 11,938,459   |
| Total unit toll transportation ..     | 31,689,114         | 1,763,557   | 33,452,671 | 648,899                | 57,603    | 706,502   | 34,159,173  | 218,657,338  |
| Bulk transportation .....             | 2,031,305          | 1,271,108   | 3,302,413  | 2,160,947              | 1,998,372 | 4,159,319 | 7,461,732   | 33,328,544   |
| Total transportation .....            | 33,720,419         | 3,034,665   | 36,755,084 | 2,809,846              | 2,055,975 | 4,865,821 | 41,620,905  | 251,985,882  |
| Other flying services .....           | 5,491              | 113,809     | 119,300    | 551,661                | 428,428   | 980,089   | 1,099,389   | 5,390,699    |
| Total flying services .....           | 33,725,910         | 3,148,474   | 36,874,384 | 3,361,507              | 2,484,403 | 5,845,910 | 42,720,294  | 257,376,581  |
| Non-flying services .....             | 112,681            | 33,178      | 145,859    | 62,646                 | 99,242    | 161,888   | 307,747     | 3,030,509    |
| Total operating revenues .....        | 33,838,591         | 3,181,652   | 37,020,243 | 3,424,153              | 2,583,645 | 6,007,798 | 43,028,041  | 260,407,090  |
| Operating expenses:                   |                    |             |            |                        |           |           |             |              |
| Flying operations .....               | 6,708,258          | 1,028,967   | 7,737,225  | 1,175,008              | 867,257   | 2,042,265 | 9,779,490   | 64,083,753   |
| Maintenance .....                     | 5,661,957          | 366,041     | 6,027,998  | 885,860                | 363,458   | 1,249,318 | 7,277,316   | 52,582,302   |
| General services and administration:  |                    |             |            |                        |           |           |             |              |
| Passenger service .....               | 2,571,209          | 130,281     | 2,701,490  | ..                     | ..        | ..        | ..          | ..           |
| Aircraft and traffic servicing .....  | 3,836,358          | 333,054     | 4,169,412  | ..                     | ..        | ..        | ..          | ..           |
| Promotion and sales .....             | 4,855,974          | 158,093     | 5,014,067  | ..                     | ..        | ..        | ..          | ..           |
| General administration .....          | 1,091,639          | 136,430     | 1,228,069  | ..                     | ..        | ..        | ..          | ..           |
| Totals .....                          | 12,355,180         | 757,858     | 13,113,038 | 424,924                | 238,731   | 663,655   | 13,776,693  | 95,407,425   |
| Depreciation and amortization .....   | 3,151,279          | 564,637     | 3,715,916  | 180,728                | 144,792   | 325,520   | 4,041,436   | 25,165,440   |
| Total operating expenses .....        | 27,876,674         | 2,717,503   | 30,594,177 | 2,666,520              | 1,614,238 | 4,280,758 | 34,874,935  | 237,238,920  |
| Operating income (loss) .....         | 5,961,917          | 464,149     | 6,426,066  | 757,633                | 969,407   | 1,727,040 | 8,153,106   | 23,168,170   |
| Non-operating income - Net:           |                    |             |            |                        |           |           |             |              |
| Capital gains and losses .....        | -                  | 73,943      | 73,943     | 3,902                  | 5,504     | 9,406     | 83,349      | 559,272      |
| Interest and discounts .....          | 308,444            | 652         | 309,096    | 4,043                  | 1,259     | 5,302     | 314,398     | 1,871,969    |
| Miscellaneous non-operating income .. | 5,549              | 720         | 4,829      | Dr.                    | 7,488     | 8,851     | Dr.         | 291,165      |
| Income before interest expense .....  | 6,275,910          | 538,024     | 6,813,934  | 749,239                | 983,658   | 1,732,897 | 8,546,831   | 25,308,246   |
| Interest expense .....                | 959,859            | 44,260      | 1,004,119  | 56,450                 | 36,097    | 92,547    | 1,096,666   | 8,565,063    |
| Income before income taxes .....      | 5,316,051          | 493,764     | 5,809,815  | 692,789                | 947,561   | 1,640,350 | 7,450,165   | 16,743,183   |
| Provision for income taxes .....      | -                  | 138,078     | 138,078    | 175,895                | 140,859   | 316,754   | 454,832     | 871,048      |
| Net income after income taxes .....   | 5,316,051          | 355,686     | 5,671,737  | 516,894                | 806,702   | 1,323,596 | 6,995,333   | 15,872,135   |

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

(2) Data in Tables 3, 8 and 10 included in this table.

TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

August 1965

|                                       | Air<br>Canada | Canadian<br>Pacific<br>Air Lines | Eastern<br>Provincial<br>Airways<br>(1963) | Pacific<br>Western<br>Airlines | Quebecair<br>Inc. | Transair<br>Ltd. | Total      | Year<br>to<br>date |
|---------------------------------------|---------------|----------------------------------|--|--------------------------------|-------------------|------------------|------------|--------------------|
| dollars                               |               |                                  |  |                                |                   |                  |            |                    |
| Operating revenues:                   |               |                                  |  |                                |                   |                  |            |                    |
| Unit toll transportation:             |               |                                  |  |                                |                   |                  |            |                    |
| Passengers .....                      | 22,435,052    | 5,839,159                        | 239,570                                    | 589,116                        | 321,598           | 199,231          | 29,623,726 | 185,893,800        |
| Express .....                         | 465,298       | 30,163                           | 4,747                                      | 17,200                         | -                 | 4,440            | 521,828    | 3,427,114          |
| Freight .....                         | 1,068,560     | 380,341                          | 66,634                                     | 110,411                        | 51,189            | 31,422           | 1,708,757  | 12,795,304         |
| Excess baggage .....                  | 93,766        | 59,394                           | 2,429                                      | 11,569                         | 6,784             | 1,975            | 1,175,917  | 1,254,689          |
| Mail .....                            | 1,023,086     | 294,115                          | 23,524                                     | 48,053                         | 6,063             | 27,602           | 1,422,443  | 11,445,385         |
| Total unit toll transportation ..     | 25,085,762    | 6,603,352                        | 336,904                                    | 776,349                        | 385,634           | 264,670          | 33,452,671 | 214,816,292        |
| Bulk transportation .....             | 1,084,964     | 946,341                          | 142,787                                    | 738,224                        | 7,431             | 382,666          | 3,302,413  | 13,134,169         |
| Total transportation .....            | 26,170,726    | 7,549,693                        | 479,691                                    | 1,514,573                      | 393,065           | 647,336          | 36,755,084 | 227,950,461        |
| Other flying services .....           | 5,491         | -                                | 113,259                                    | -                              | -                 | 550              | 119,300    | 433,298            |
| Total flying services .....           | 26,176,217    | 7,549,693                        | 592,950                                    | 1,514,573                      | 393,065           | 647,886          | 36,874,384 | 228,383,759        |
| Non-flying services .....             | 43,914        | 68,767                           | 12,586                                     | 1,593                          | 8,566             | 10,433           | 145,859    | 1,661,568          |
| Total operating revenues .....        | 26,220,131    | 7,618,460                        | 605,536                                    | 1,516,166                      | 401,631           | 658,319          | 37,020,243 | 230,045,327        |
| Operating expenses:                   |               |                                  |  |                                |                   |                  |            |                    |
| Flying operations .....               | 4,773,177     | 1,935,081                        | 179,670                                    | 550,322                        | 88,753            | 210,222          | 7,737,225  | 53,021,549         |
| Maintenance .....                     | 4,648,668     | 1,013,289                        | 220,680                                    | 287,440                        | 116,056           | 258,135          | 6,027,998  | 44,672,736         |
| General services and administrations: |               |                                  |  |                                |                   |                  |            |                    |
| Passenger service .....               | 1,989,717     | 581,492                          | 19,843                                     | 77,523                         | 15,169            | 17,746           | 2,701,490  | 17,598,184         |
| Aircraft and traffic servicing .....  | 3,221,223     | 615,135                          | 99,954                                     | 178,162                        | 38,005            | 16,933           | 4,169,412  | 30,124,605         |
| Promotion and sales .....             | 3,601,031     | 1,254,943                        | 16,586                                     | 44,177                         | 58,149            | 39,181           | 5,014,067  | 33,898,338         |
| General administration .....          | 872,913       | 218,726                          | 24,187                                     | 62,293                         | 26,321            | 23,629           | 1,228,069  | 8,982,458          |
| Totals .....                          | 9,684,884     | 2,670,296                        | 160,570                                    | 362,155                        | 137,644           | 97,489           | 13,113,038 | 90,603,585         |
| Depreciation and amortization .....   | 2,967,858     | 183,421                          | 46,477                                     | 31,620                         | 23,316            | 463,224          | 3,715,916  | 22,966,633         |
| Total operating expenses .....        | 22,074,587    | 5,802,087                        | 607,397                                    | 1,231,537                      | 365,769           | 512,800          | 30,594,177 | 211,264,503        |
| Operating income (loss) .....         | 4,145,544     | 1,816,373                        | Dr.  | 284,629                        | 35,862            | 145,519          | 6,426,066  | 18,780,824         |
| Non-operating income - Net:           |               |                                  |  |                                |                   |                  |            |                    |
| Capital gains and losses .....        | -             | -                                | -  | -                              | Dr.               | 74,063           | 73,943     | 258,557            |
| Interest and discounts .....          | 249,726       | 58,718                           | 7  | -                              | -                 | 645              | 309,096    | 1,829,162          |
| Miscellaneous non-operating income .. | 4,618         | 931                              | 8  | 134                            | Dr.               | 232              | 4,829      | 327,603            |
| Income before interest expense .....  | 4,399,888     | 1,876,022                        | Dr.  | 284,763                        | 34,648            | 220,459          | 6,813,934  | 20,540,940         |
| Interest expense .....                | 959,859       | -                                | 27,241                                     | 8,102                          | 4,381             | 4,536            | 1,004,119  | 7,945,364          |
| Income before income taxes .....      | 3,440,029     | 1,876,022                        | Dr.  | 276,661                        | 30,267            | 215,923          | 5,809,815  | 12,595,576         |
| Provision for income taxes .....      | -             | -                                | -  | 138,078                        | -                 | -                | 138,078    | 310,196            |
| Net income after income taxes .....   | 3,440,029     | 1,876,022                        | Dr.  | 138,583                        | 30,267            | 215,923          | 5,671,737  | 12,285,380         |

August 1965

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Continued

August 1965

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|   | Group I carriers |                            |             | Group II carriers                 |                              |                    |                   |            | Grand total |
|---|------------------|----------------------------|-------------|-----------------------------------|------------------------------|--------------------|-------------------|------------|-------------|
|   | Air Canada       | Canadian Pacific Air Lines | Total       | Eastern Provincial Airways (1963) | Pacific Western Airlines (1) | Quebecair Inc. (1) | Transair Ltd. (1) | Total (1)  |             |
| Revenue transportation services - Concluded:                              |                  |                            |             |                                   |                              |                    |                   |            |             |
| Unit toll - Concluded:  |                  |                            |             |                                   |                              |                    |                   |            |             |
| Goods ton-miles - Concluded:  |                  |                            |             |                                   |                              |                    |                   |            |             |
| Excess baggage - Scheduled .....  | 240,848          | 76,324                     | 317,172     | 2,439                             | 7,876                        | 3,661              | 1,407             | 15,383     | 332,555     |
| Non-scheduled .....   | -                | -                          | -           | 11                                | 134                          | 3,211              | 495               | 3,851      | 3,851       |
| Totals .....  | 240,848          | 76,324                     | 317,172     | 2,450                             | 8,010                        | 6,872              | 1,902             | 19,234     | 336,406     |
| Mail - Scheduled .....  | 1,364,223        | 246,313                    | 1,610,536   | 24,344                            | 42,851                       | 2,899              | 5,475             | 75,569     | 1,686,105   |
| Non-scheduled .....   | -                | -                          | -           | 17                                | 310                          | 1,411              | 8,675             | 10,413     | 10,413      |
| Totals .....  | 1,364,223        | 246,313                    | 1,610,536   | 24,361                            | 43,161                       | 4,310              | 14,150            | 85,982     | 1,696,518   |
| Total - Scheduled .....   | 6,427,341        | 1,601,040                  | 8,028,381   | 176,433                           | 303,519                      | 31,843             | 23,873            | 535,668    | 8,564,049   |
| Non-scheduled .....   | -                | -                          | -           | 131                               | 8,894                        | 16,803             | 26,699            | 52,527     | 52,527      |
| Totals .....  | 6,427,341        | 1,601,040                  | 8,028,381   | 176,564                           | 312,413                      | 48,646             | 50,572            | 588,195    | 8,616,576   |
| Available ton-miles on scheduled services .....                           | 78,622,237       | 20,275,538                 | 98,897,775  | 889,337                           | 1,637,897                    | 357,937            | 385,593           | 3,270,764  | 102,168,539 |
| Weight load factor on scheduled services(3) .....                         | 58.1             | 58.4                       | 58.1        | 51.2                              | 55.6                         | 64.6               | 55.5              | 55.4       | 58.0        |
| Bulk:   |                  |                            |             |                                   |                              |                    |                   |            |             |
| Departures .....  | 159              | 134                        | 293         | 1,220                             | 3,114                        | 35                 | 575               | 4,944      | 5,237       |
| Hours flown .....   | 584              | 727                        | 1,311       | 1,078                             | 3,380                        | 41                 | 1,203             | 5,702      | 7,013       |
| Miles flown .....   | 268,961          | 266,579                    | 535,540     | 99,557                            | 469,531                      | 5,759              | 199,904           | 774,751    | 1,310,291   |
| Passengers carried .....  | 9,570            | 6,906                      | 16,476      | 3,167                             | 9,272                        | 64                 | 3,350             | 15,853     | 32,329      |
| Freight carried .....   | -                | 30,536                     | 30,536      | 135,103                           | 1,090,684                    | 13,263             | 1,216,906         | 2,455,956  | 2,486,492   |
| Passenger-miles(4) .....  | 30,507,773       | 26,798,633                 | 57,306,406  | 391,913                           | 12,993,850                   | 43,988             | 2,906,545         | 16,336,296 | 73,642,702  |
| Goods ton-miles(4) .....  | -                | 32,444                     | 32,444      | 8,990                             | 72,812                       | 6,631              | 512,726           | 601,159    | 633,603     |
| Revenue non-transportation services: Specialty flying - Hours flown ..... | 21               | -                          | 21          | 354                               | -                            | -                  | 7                 | 361        | 382         |
| Total - All services:   |                  |                            |             |                                   |                              |                    |                   |            |             |
| Traffic, hours and miles: (5)   |                  |                            |             |                                   |                              |                    |                   |            |             |
| Revenue:  |                  |                            |             |                                   |                              |                    |                   |            |             |
| Departures .....  | 13,771           | 2,121                      | 15,892      | 2,223                             | 4,985                        | 1,223              | 1,780             | 10,211     | 26,103      |
| Hours flown .....   | 19,484           | 4,436                      | 23,920      | 2,411                             | 5,414                        | 1,007              | 2,557             | 11,389     | 35,309      |
| Miles flown .....   | 5,757,889        | 1,572,007                  | 7,329,896   | 254,353                           | 787,200                      | 169,209            | 387,319           | 1,598,081  | 8,927,977   |
| Passengers carried .....  | 463,191          | 64,311                     | 527,502     | 13,365                            | 33,948                       | 11,144             | 9,970             | 68,425     | 595,927     |
| Cargo carried .....   | 7,882,734        | 1,153,237                  | 9,035,971   | 693,650                           | 2,063,016                    | 203,457            | 1,399,314         | 4,359,437  | 13,395,408  |
| Goods carried .....   | 11,038,307       | 1,465,098                  | 12,503,405  | 845,630                           | 2,244,394                    | 269,743            | 1,515,313         | 4,875,080  | 17,378,485  |
| Passenger-miles(4) .....  | 422,663,477      | 129,158,337                | 551,821,814 | 3,200,574                         | 19,468,390                   | 3,418,114          | 5,204,464         | 51,291,541 | 583,113,355 |
| Goods ton-miles(4) .....  | 6,427,341        | 1,633,484                  | 8,060,825   | 185,554                           | 385,225                      | 55,277             | 563,298           | 1,189,354  | 9,250,179   |

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

August 1965

|  | Group I carriers |                            |            | Group II carriers                 |                             |                   |                  |           | Grand total |
|--|------------------|----------------------------|------------|-----------------------------------|-----------------------------|-------------------|------------------|-----------|-------------|
|  | Air Canada       | Canadian Pacific Air Lines | Total      | Eastern Provincial Airways (1963) | Pacific Western Airlines(1) | Quebecair Inc.(1) | Transair Ltd.(1) | Total(1)  |             |
| Total - All services - Concluded:        |                  |                            |            |                                   |                             |                   |                  |           |             |
| Traffic, hours and miles - Concluded:(5) |                  |                            |            |                                   |                             |                   |                  |           |             |
| Non-revenue:                             |                  |                            |            |                                   |                             |                   |                  |           |             |
| Hours flown ..... No.                    | 206              | 66                         | 272        | 159                               | -                           | 38                | 84               | 281       | 553         |
| Passengers carried ..... "               | ..               | 2,250                      | 2,250      | 596                               | 385                         | 164               | 138              | 1,283     | 3,533       |
| Goods carried ..... lb.                  | 17,864,685       | 160,435                    | 160,435    | 30,968                            | 31,302                      | -                 | 10,607           | 72,877    | 233,312     |
| Passenger-miles ..... No.                | 533,771          | 4,419,331                  | 22,284,016 | 176,455                           | 144,049                     | 44,915            | 79,993           | 445,412   | 22,729,428  |
| Goods ton-miles ..... "                  |                  | 200,080                    | 733,851    | 8,209                             | 11,940                      | -                 | 2,965            | 23,114    | 756,965     |
| Fuel and oil consumed:                   |                  |                            |            |                                   |                             |                   |                  |           |             |
| Turbo fuel - Quantity ..... gal.         | 16,528,049       | 4,436,571                  | 20,964,620 | 115,661                           | -                           | 143,238           | 72,239           | 331,138   | 21,295,758  |
| Cost ..... \$                            | 2,132,080        | 717,434                    | 2,849,514  | 24,289                            | -                           | 30,080            | 16,252           | 70,621    | 2,920,135   |
| Gasoline - Quantity ..... gal.           | -                | 459,843                    | 459,843    | 138,982                           | 693,817                     | 24,121            | 254,800          | 1,111,720 | 1,571,563   |
| Cost ..... \$                            | -                | 127,999                    | 127,999    | 44,079                            | 252,251                     | 7,960             | 101,707          | 405,997   | 533,996     |
| Turbo oil - Quantity ..... gal.          | 3,914            | 337                        | 4,451      | 53                                | -                           | 808               | 6                | 867       | 5,318       |
| Cost ..... \$                            | 38,749           | 4,193                      | 42,942     | 795                               | -                           | 2,828             | 60               | 3,683     | 46,625      |
| Other oil - Quantity ..... gal.          | -                | 4,063                      | 4,063      | 2,138                             | 8,539                       | 80                | 2,499            | 13,256    | 17,319      |
| Cost ..... \$                            | -                | 3,757                      | 3,757      | 2,672                             | 10,674                      | 638               | 2,868            | 16,852    | 20,609      |
| Average number of employees:             |                  |                            |            |                                   |                             |                   |                  |           |             |
| Pilots and co-pilots ..... No.           | 665              | 223                        | 888        | 62                                | 104                         | 29                | 56               | 251       | 1,139       |
| Other flight personnel ..... "           | 856              | 265                        | 1,121      | 16                                | 58                          | 16                | 23               | 113       | 1,234       |
| General management ..... "               | 69               | 739                        | 808        | 8                                 | 64                          | 49                | 20               | 141       | 949         |
| Maintenance labour ..... "               | 2,683            | 677                        | 3,360      | 213                               | 208                         | 77                | 100              | 598       | 3,958       |
| Aircraft and traffic servicing ..... "   | 4,276            | 369                        | 4,645      | 119                               | 110                         | 114               | 58               | 401       | 5,046       |
| Other personnel ..... "                  | 3,980            | 568                        | 4,548      | 45                                | 26                          | 9                 | 56               | 136       | 4,684       |
| Total employees ..... "                  | 12,529           | 2,841                      | 15,370     | 463                               | 570                         | 294               | 313              | 1,640     | 17,010      |
| Salaries and wages:                      |                  |                            |            |                                   |                             |                   |                  |           |             |
| Pilots and co-pilots ..... \$            | 890,987          | 293,706                    | 1,184,693  | 54,661                            | 108,202                     | 25,097            | 48,062           | 236,022   | 1,420,715   |
| Other flight personnel ..... \$          | 427,352          | 127,707                    | 555,059    | 4,572                             | 26,643                      | 4,888             | 7,987            | 44,090    | 599,149     |
| General management ..... \$              | 125,417          | 376,972                    | 502,389    | 8,166                             | 30,438                      | 20,594            | 13,831           | 73,029    | 575,418     |
| Maintenance labour ..... \$              | 1,526,280        | 296,356                    | 1,822,636  | 91,950                            | 108,197                     | 39,137            | 45,917           | 283,201   | 2,107,837   |
| Aircraft and traffic servicing ..... \$  | 2,178,219        | 165,689                    | 2,343,908  | 43,328                            | 67,676                      | 44,033            | 25,300           | 180,337   | 2,524,245   |
| Other personnel ..... \$                 | 2,180,748        | 265,417                    | 2,446,165  | 16,367                            | 4,448                       | 5,363             | 9,695            | 36,093    | 2,482,258   |
| Total salaries and wages ..... \$        | 7,329,003        | 1,525,847                  | 8,854,850  | 219,044                           | 345,604                     | 139,332           | 150,792          | 854,772   | 9,709,622   |

- (1) Routes included in scheduled or non-scheduled services according to predominant class of service.
- (2) Excludes Air Canada.
- (3) Standard passenger weight used: 200 pounds.
- (4) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.
- (5) These data exclude non-transportation services, except for hours flown.



TABLE 5. Revenue Interline Traffic(1), Canadian Scheduled Carriers - All Services, by Company

August 1965

|                                | Air<br>Canada | Canadian<br>Pacific<br>Air Lines | Eastern<br>Provincial<br>Airways<br>(1963) | Pacific<br>Western<br>Airlines | Quebecair<br>Inc. | Transair<br>Ltd. | Total      |
|--------------------------------|---------------|----------------------------------|--|--------------------------------|-------------------|------------------|------------|
| <b>Passengers carried:</b>     |               |                                  |  |                                |                   |                  |            |
| Originated ..... No.           | 358,324       | 46,991                           | 8,640                                      | 21,253                         | 11,080            | 5,351            | 451,639    |
| Domestic interline ..... )     | 4,180         | 1,423                            | -  | -                              | -                 | -                | 106,861    |
| Foreign interline ..... )      | 95,297        | 5,961                            | -  | -                              | -                 | -                | 558,500    |
| Totals(2) .....                | 453,621       | 57,132                           | 10,063                                     | 21,253                         | 11,080            | 5,351            |            |
| <b>Express carried:</b>        |               |                                  |  |                                |                   |                  |            |
| Originated ..... 1b.           | 1,159,899     | 137,873                          | 16,511                                     | 50,947                         | -                 | 15,748           | 1,380,978  |
| Domestic interline ..... "     | -             | -                                | -  | -                              | -                 | -                | -          |
| Foreign interline ..... "      | -             | -                                | -  | -                              | -                 | -                | -          |
| Totals(2) .....                | 1,159,899     | 137,873                          | 16,511                                     | 50,947                         | -                 | 15,748           | 1,380,978  |
| <b>Freight carried:</b>        |               |                                  |  |                                |                   |                  |            |
| Originated .....               | 6,722,835     | 838,060                          | 540,863                                    | 835,335                        | 190,194           | 66,520           | 9,193,807  |
| Domestic interline .....       | -             | 19,317                           | -  | -                              | -                 | -                | 19,317     |
| Foreign interline .....        | -             | 23,553                           | -  | -                              | -                 | -                | 23,553     |
| Totals(2) .....                | 6,722,835     | 880,930                          | 540,863                                    | 835,335                        | 190,194           | 66,520           | 9,236,677  |
| <b>Excess baggage carried:</b> |               |                                  |  |                                |                   |                  |            |
| Originated .....               | ..            | 68,940                           | 14,108                                     | 33,943                         | 32,598            | 6,724            | 156,313(3) |
| Domestic interline .....       | ..            | -                                | -  | -                              | -                 | -                | -          |
| Foreign interline .....        | ..            | -                                | -  | -                              | -                 | -                | -          |
| Totals(2) .....                | ..            | 68,940                           | 14,108                                     | 33,943                         | 32,598            | 6,724            | 156,313(3) |
| <b>Mail carried:</b>           |               |                                  |  |                                |                   |                  |            |
| Originated .....               | 3,155,573     | 242,921                          | 137,543                                    | 140,405                        | 33,688            | 26,066           | 3,736,196  |
| Domestic interline .....       | -             | -                                | -  | -                              | -                 | -                | -          |
| Foreign interline .....        | -             | -                                | -  | -                              | -                 | -                | -          |
| Totals(2) .....                | 3,155,573     | 242,921                          | 137,543                                    | 140,405                        | 33,688            | 26,066           | 3,736,196  |

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Board.

(2) Excludes division interline.

(3) Excludes Air Canada.



TABLE 6. Operating Statistics, Canadian International Carriers - All Revenue Services, by area of Service  
August 1965

| Unit toll:   | Trans-<br>Border<br>Services | Trans-<br>Atlantic<br>and Polar<br>Services | Southern<br>Services | Pacific<br>and<br>Orient<br>Services | Total<br>International<br>Services | Domestic<br>Services | Grand<br>total |
|--|------------------------------|---|----------------------|--------------------------------------|------------------------------------|----------------------|----------------|
| Departures .....   | 2,382                        | 647   | 411                  | 107                                  | 3,547                              | 12,052               | 15,599         |
| Hours flown .....  | 3,480                        | 2,702                                       | 1,150                | 685                                  | 8,017                              | 14,571               | 22,588         |
| Miles scheduled .....                                    | 753,466                      | 1,309,715                                   | 429,381              | 315,180                              | 2,807,742                          | 3,824,636            | 6,632,378      |
| Miles flown:   |                              |   |                      |                                      |                                    |                      |                |
| Scheduled - Regular .....                                | 750,055                      | 1,293,635                                   | 424,049              | 315,180                              | 2,782,919                          | 3,793,120            | 6,576,039      |
| Extra sections .....                                     | 32,072                       | 12,961                                      | 6,012                | 5,534                                | 56,579                             | 161,738              | 218,317        |
| Non-scheduled .....                                      | -                            | -   | -                    | -                                    | -                                  | -                    | -              |
| Totals .....   | 782,127                      | 1,306,596                                   | 430,061              | 320,714                              | 2,839,498                          | 3,954,858            | 6,794,356      |
| Ratio of regular miles flown to miles<br>scheduled ..... | 99.5                         | 98.8  | 98.8                 | 100.0                                | 99.1                               | 99.2                 | 99.2           |
| Passengers carried .....                                 | ...                          | ...   | ...                  | ...                                  | 133,926                            | 377,100              | 511,026        |
| Cargo carried .....                                      | ...                          | ...   | ...                  | ...                                  | 2,406,112                          | 6,668,263            | 9,074,375      |
| Mail carried .....                                       | ...                          | ...   | ...                  | ...                                  | 269,225                            | 3,129,269            | 3,398,494      |
| Passenger-miles .....                                    | 45,074,573                   | 129,439,237                                 | 30,885,774           | 23,560,035                           | 228,959,619                        | 265,555,789          | 494,515,408    |
| Available seat-miles on scheduled services               | 63,207,890                   | 171,129,756                                 | 52,393,838           | 39,032,718                           | 325,764,202                        | 360,410,652          | 686,174,854    |
| Passenger load factor on scheduled services              | 71.3                         | 75.6  | 58.9                 | 60.4                                 | 70.3                               | 73.7                 | 72.1           |
| Goods ton-miles:   |                              |   |                      |                                      |                                    |                      |                |
| Express .....  | 52,623                       | -   | -                    | -                                    | 52,623                             | 490,001              | 542,624        |
| Freight .....  | 362,804                      | 1,272,544                                   | 393,342              | 512,097                              | 2,540,787                          | 3,017,262            | 5,558,049      |
| Excess baggage .....                                     | 19,309                       | 77,321                                      | 41,169               | 21,138                               | 158,937                            | 158,235              | 317,172        |
| Mail .....   | 40,496                       | 286,990                                     | 68,984               | 112,503                              | 508,973                            | 1,101,563            | 1,610,536      |
| Totals .....   | 475,232                      | 1,636,855                                   | 503,495              | 645,738                              | 3,261,320                          | 4,767,061            | 8,028,381      |
| Available ton-miles on scheduled service                 | 8,686,341                    | 24,927,489                                  | 6,645,347            | 5,394,270                            | 45,653,447                         | 53,244,328           | 98,897,775     |
| Weight load factor on scheduled services(1)              | 57.4                         | 58.5  | 54.1                 | 55.6                                 | 57.3                               | 58.8                 | 58.1           |
| Bulk:  |                              |   |                      |                                      |                                    |                      |                |
| Departures .....   | 125                          | 514   | 2                    | -                                    | 641                                | ...                  | ...            |
| Hours flown .....  | 192                          | 2,510                                       | 13                   | -                                    | 2,715                              | ...                  | ...            |
| Miles flown .....  | 38,124                       | 834,451                                     | 4,250                | -                                    | 876,825                            | ...                  | ...            |
| Passengers carried .....                                 | 1,131                        | 22,619                                      | -                    | -                                    | 23,750                             | ...                  | ...            |
| Goods carried .....                                      | 2,400                        | 4,157                                       | 30,536               | -                                    | 37,093                             | ...                  | ...            |
| Passenger-miles(2) .....                                 | 561,124                      | 81,395,936                                  | -                    | -                                    | 81,957,060                         | ...                  | ...            |
| Goods ton-miles(2) .....                                 | 163                          | 407   | 32,444               | -                                    | 33,014                             | ...                  | ...            |
| Total:   |                              |   |                      |                                      |                                    |                      |                |
| Departures .....   | 2,507                        | 1,161                                       | 413                  | 107                                  | 4,188                              | ...                  | ...            |
| Hours flown .....  | 3,672                        | 5,212                                       | 1,163                | 685                                  | 10,732                             | ...                  | ...            |
| Miles flown .....  | 820,251                      | 2,141,047                                   | 434,311              | 320,714                              | 3,716,323                          | ...                  | ...            |
| Passengers carried .....                                 | ...                          | ...   | ...                  | ...                                  | 157,676                            | ...                  | ...            |
| Goods carried .....                                      | ...                          | ...   | ...                  | ...                                  | 2,712,430                          | ...                  | ...            |
| Passenger-miles(2) .....                                 | 45,635,697                   | 210,835,173                                 | 30,885,774           | 23,560,035                           | 310,916,679                        | ...                  | ...            |
| Goods ton-miles(2) .....                                 | 475,395                      | 1,637,262                                   | 535,939              | 645,738                              | 3,294,334                          | ...                  | ...            |

(1) Standard passenger weight used: 200 pounds.

(2) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

TABLE 7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)

August 1965

|  | United States              |                 |           | Europe                    |                 |           |
|--|----------------------------|-----------------|-----------|---------------------------|-----------------|-----------|
|  | To                         | From            | Total     | To                        | From            | Total     |
| Passengers carried:                          |                            |                 |           |                           |                 |           |
| Unit toll ..... No.                          | 110,900                    | 113,842         | 224,742   | 31,049                    | 42,912          | 73,961    |
| Bulk ..... "                                 | 761                        | 888             | 1,649     | 9,521                     | 10,615          | 20,136    |
| Totals ..... "                               | 111,661                    | 114,730         | 226,391   | 40,570                    | 53,527          | 94,097    |
| Freight, express and excess baggage carried: |                            |                 |           |                           |                 |           |
| Unit toll ..... lb.                          | 710,011                    | 2,412,126       | 3,122,137 | 510,112                   | 1,745,515       | 2,255,627 |
| Bulk ..... "                                 | -                          | -               | -         | -                         | -               | -         |
| Totals ..... "                               | 710,011                    | 2,412,126       | 3,122,137 | 510,112                   | 1,745,515       | 2,255,627 |
| Mail carried (unit toll) ..... "             | 147,180                    | 226,450         | 373,630   | 148,176                   | 132,424         | 280,600   |
|  | All other areas            |                 |           | Totals                    |                 |           |
|  | To                         | From            | Total     | To                        | From            | Total     |
|  |                            |                 |           |                           |                 |           |
|  |                            |                 |           |                           |                 |           |
|  |                            |                 |           |                           |                 |           |
| Passengers carried:                          |                            |                 |           |                           |                 |           |
| Unit toll ..... No.                          | 6,348                      | 8,157           | 14,505    | 148,297                   | 164,911         | 313,208   |
| Bulk ..... "                                 | -                          | -               | -         | 10,282                    | 11,503          | 21,785    |
| Totals ..... "                               | 6,348                      | 8,157           | 14,505    | 158,579                   | 176,414         | 334,993   |
| Freight, express and excess baggage carried: |                            |                 |           |                           |                 |           |
| Unit toll ..... lb.                          | 225,569                    | 193,681         | 419,250   | 1,445,692                 | 4,351,322       | 5,797,014 |
| Bulk ..... "                                 | 30,536                     | -               | 30,536    | 30,536                    | -               | 30,536    |
| Totals ..... "                               | 256,105                    | 193,681         | 449,786   | 1,476,228                 | 4,351,322       | 5,827,550 |
| Mail carried (unit toll) ..... "             | 28,738                     | 24,339          | 53,077    | 324,094                   | 383,213         | 707,307   |
|  | Total by Canadian carriers |                 |           | Total by Foreign carriers |                 |           |
|  | Leaving Canada             | Entering Canada | Total     | Leaving Canada            | Entering Canada | Total     |
|  |                            |                 |           |                           |                 |           |
| Passengers carried:                          |                            |                 |           |                           |                 |           |
| Unit toll ..... No.                          | 85,380                     | 93,902          | 179,282   | 62,917                    | 71,009          | 133,926   |
| Bulk ..... "                                 | 6,928                      | 8,174           | 15,102    | 3,354                     | 3,329           | 6,683     |
| Totals ..... "                               | 92,308                     | 102,076         | 194,384   | 66,271                    | 74,338          | 140,609   |
| Freight, express and excess baggage carried: |                            |                 |           |                           |                 |           |
| Unit toll ..... lb.                          | 951,665                    | 2,439,237       | 3,390,902 | 494,027                   | 1,912,085       | 2,406,112 |
| Bulk ..... "                                 | 30,536                     | -               | 30,536    | -                         | -               | -         |
| Totals ..... "                               | 982,201                    | 2,439,237       | 3,421,438 | 494,027                   | 1,912,085       | 2,406,112 |
| Mail carried (unit toll) ..... "             | 227,288                    | 210,794         | 438,082   | 96,806                    | 172,419         | 269,225   |

(1) Passengers and goods in transit through Canada are excluded.

TABLE 8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service

August 1965

| Type of service:                     | Fixed wing aircraft |                |               |                | Helicopters   |                |               |                |
|--------------------------------------|---------------------|----------------|---------------|----------------|---------------|----------------|---------------|----------------|
|                                      | Month               |                | Year to date  |                | Month         |                | Year to date  |                |
|                                      | Revenue hours       | Revenue earned | Revenue hours | Revenue earned | Revenue hours | Revenue earned | Revenue hours | Revenue earned |
|                                      | No.                 | \$             | No.           | \$             | No.           | \$             | No.           | \$             |
| Aerial advertising .....             | 8                   | 1,241          | 19            | 2,209          | -             | -              | 608           | 59,277         |
| Aerial fish cultivation .....        | -                   | -              | 31            | 1,728          | -             | -              | -             | -              |
| Aerial patrol and inspection .....   | 1,541               | 263,704        | 8,692         | 1,010,139      | 1,484         | 137,451        | 6,553         | 894,657        |
| Aerial pest control .....            | 451                 | 44,112         | 2,876         | 551,590        | 5             | 4,550          | 5             | 4,550          |
| Aerial photography and survey .....  | 768                 | 133,867        | 4,840         | 687,511        | 295           | 33,144         | 1,318         | 123,546        |
| Aerial photography (excl. survey) .. | 233                 | 5,328          | 714           | 27,727         | 62            | 12,541         | 488           | 30,116         |
| Aircraft rental .....                | 76                  | 1,458          | 560           | 9,949          | -             | -              | -             | -              |
| Flying training .....                | 5,385               | 94,620         | 38,153        | 636,441        | -             | -              | 563           | 33,942         |
| Geophysical survey .....             | 1,387               | 99,262         | 6,759         | 560,415        | 1,312         | 143,752        | 4,092         | 431,318        |
| Non-transportation charter .....     | 180                 | 60,047         | 600           | 185,067        | -             | -              | -             | -              |
| Philanthropic .....                  | -                   | -              | -             | -              | -             | -              | -             | -              |
| Recreational flying .....            | 1,918               | 34,801         | 10,852        | 229,985        | 271           | 21,629         | 733           | 55,128         |
| Specialty flying - Other .....       | -                   | -              | 22            | 1,533          | -             | 300            | 601           | 45,745         |
| Totals .....                         | 11,947              | 738,440        | 74,118        | 3,904,294      | 3,429         | 353,367        | 14,961        | 1,678,279      |

TABLE 9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV

August 1965

|                                       | Carriers operating helicopters only |              | Carriers operating both helicopters and fixed wing aircraft |              | Total   |              |
|---------------------------------------|-------------------------------------|--------------|---|--------------|---------|--------------|
|                                       | Month                               | Year to date | Month   | Year to date | Month   | Year to date |
| Carriers reporting .....              | No. 15                              | ...          | 9   | ...          | 24      | ...          |
| Helicopters - Owned .....             | " 157                               | 150          | 27  | 21           | 184     | 171          |
| Leased .....                          | " 31                                | 22           | 4   | 3            | 35      | 25           |
| Totals .....                          | " 188                               | 172          | 31  | 24           | 219     | 196          |
| Revenue hours flown - Unit toll ..... | " 2                                 | 192          | -   | -            | 2       | 192          |
| Bulk .....                            | " 15,223                            | 56,091       | 616   | 3,034        | 15,839  | 59,125       |
| Specialty .....                       | " 1,777                             | 8,159        | 1,652   | 6,589        | 3,429   | 14,748       |
| Totals .....                          | " 17,002                            | 64,442       | 2,268   | 9,623        | 19,270  | 74,065       |
| Non-revenue hours flown .....         | " 378                               | 3,747        | 43  | 323          | 421     | 4,070        |
| Fuel and oil consumed:                |                                     |              |   |              |         |              |
| Gasoline .....                        | gal. 264,086                        | 1,114,413    | 19,231  | 99,640       | 283,317 | 1,214,053    |
| Cost .....                            | \$ 124,704                          | 520,052      | 8,609   | 55,457       | 133,313 | 575,509      |
| Oil .....                             | gal. 3,897                          | 18,682       | 196   | 1,432        | 4,093   | 20,114       |
| Cost .....                            | \$ 6,917                            | 33,133       | 321   | 2,177        | 7,238   | 35,310       |
| Average number of employees:          |                                     |              |   |              |         |              |
| Pilots .....                          | No. 203                             | 171          | 19  | 13           | 222     | 184          |
| Administrative .....                  | " 63                                | 55           | 2   | 1            | 65      | 56           |
| Maintenance labour .....              | " 159                               | 157          | 11  | 8            | 170     | 165          |
| Other personnel .....                 | " 17                                | 9            | -   | -            | 17      | 9            |
| Totals .....                          | " 442                               | 392          | 32  | 22           | 474     | 414          |
| Salaries and wages:                   |                                     |              |   |              |         |              |
| Pilots .....                          | \$ 197,178                          | 1,077,880    | 17,065  | 83,277       | 214,243 | 1,161,157    |
| Administrative .....                  | \$ 33,486                           | 293,822      | 1,300   | 8,800        | 34,786  | 302,622      |
| Maintenance labour .....              | \$ 90,582                           | 657,365      | 8,569   | 37,347       | 99,151  | 694,712      |
| Other personnel .....                 | \$ 4,675                            | 19,326       | -   | -            | 4,675   | 19,326       |
| Totals .....                          | \$ 325,921                          | 2,048,393    | 26,934  | 129,424      | 352,855 | 2,177,817    |

TABLE 10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV  
August 1965

|  | Current month | Year to date |
|--|---------------|--------------|
|  | dollars       |              |
| Operating revenues:                      |               |              |
| Unit toll transportation:                |               |              |
| Passengers .....                         | -             | -            |
| Express .....                            | -             | -            |
| Freight .....                            | -             | -            |
| Excess baggage .....                     | -             | -            |
| Mail .....                               | -             | -            |
| Total unit toll transportation .....     | -             | -            |
| Bulk transportation .....                | 1,674,483     | 6,584,838    |
| Total transportation .....               | 1,674,483     | 6,584,838    |
| Other flying services .....              | 182,467       | 834,854      |
| Total flying services .....              | 1,856,950     | 7,419,692    |
| Non-flying services .....                | 3,309         | 84,359       |
| Total operating revenues .....           | 1,860,259     | 7,504,051    |
| Operating expenses:                      |               |              |
| Flying operations .....                  | 514,196       | 2,546,688    |
| Maintenance .....                        | 427,084       | 2,076,743    |
| General service and administration ..... | 85,350        | 645,713      |
| Depreciation and amortization .....      | 111,329       | 651,076      |
| Total operating expenses .....           | 1,137,959     | 5,920,220    |
| Operating income (deficit) .....         | 722,300       | 1,583,831    |
| Non-operating income:                    |               |              |
| Capital gains and losses .....           | 1,216         | 78,479       |
| Interest and discounts .....             | -             | 7,999        |
| Miscellaneous non-operating income ..... | -             | 19,853       |
| Income before interest expense .....     | 723,516       | 1,690,162    |
| Interest expense .....                   | 26,808        | 165,165      |
| Income before income taxes .....         | 696,708       | 1,524,997    |
| Provision for income taxes .....         | 109,345       | 120,098      |
| Net income after income taxes .....      | 587,363       | 1,404,899    |

CIVIL AVIATION DEFINITIONS(1)

- Bulk Transportation:
- (1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4); and
  - (2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).

Classification of Canadian Carriers by Groups

- Group I Carriers: Canadian Air Carriers licensed to perform both domestic and international scheduled services. (Air Canada and Canadian Pacific Air Lines Ltd.).
- Group II Carriers: Canadian Air Carriers other than Group I carriers licensed to perform domestic scheduled services and Nordair Ltd.(2).
- Group III Carriers: Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$500,000 or over (excepting air carriers included in Group I and II).
- Group IV Carriers: Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$100,000 and over, but less than \$500,000.
- Group V Carriers: Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of less than \$100,000.

Cargo: Air freight and air express (excluding mail and excess baggage).

Carrier, Air: Any person who operates aircraft in or over Canada for hire or reward.

Non-Scheduled Carriers: Carriers not operating any scheduled (Class I) service.

Scheduled Carriers: Air Carriers serving designated points in accordance with a service schedule and at a toll per unit.

Express, Air: It is a package service operated within the U.S.A. and Canada only; the rates cover door-to-door service. Because Air Express shipments are carried on all flights and take priority over Air Freight and because Express shipments receive priority on the ground too, they take higher rates.

- 
- (1) Reference to Classes refers to the classification of air carriers as defined by the Air Transport Board and published in the "Directory of Canadian Commercial Air Services" Queen's Printer, Ottawa.
  - (2) For statistical purposes in this report, Nordair Ltd. is included with Group III carriers.



Freedoms of the Air:

- First Freedom: The privilege to fly over the territory of a foreign country without landing.
- Second Freedom: The privilege to land on the territory of a foreign country for non-traffic purposes.
- Third Freedom: The privilege to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
- Fourth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
- Fifth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the privilege to put down in a foreign country, passengers, mail and cargo coming from any such territory.

Freight, Air:

Articles carried on regular flights at standard per pound rates when space is available.

Goods:

Air Cargo (freight and express) plus mail and excess baggage.

Interline Traffic:

- Domestic Interline: Passengers and goods received by a carrier at Canadian points from other Canadian Air Carriers.
- Foreign Interline: Passengers and goods received by a carrier from Foreign Air Carriers.
- Divisional Interline: Passengers and goods received from other operating divisions of the same carrier.

International Services:

- Trans-Border Services: Services between Canada and the United States.
- Southern Services: Services between Canada and Bermuda, the Caribbean, Mexico, Central or South America.
- Trans-Atlantic and Polar Services: Services between Canada and Europe.
- Pacific and Orient Services: Services between Canada and points in the Pacific Ocean or the Orient.

Load Capacity Available:

Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, stewards' supplies, etc.



|                                   |  |
|-----------------------------------|--|
| <u>Load Factor, Passenger:</u>    | Ratio of revenue passenger-miles performed to available seat-miles.  |
| <u>Load Factor, Weight:</u>       | - See Weight, Load-Factor.   |
| <u>Miles:</u>                     | Statute miles of 5,280 ft.   |
| <u>Passenger:</u>                 | A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger. A round trip passenger is counted as two passengers.   |
| Passenger Load-Factor:            | - See Load Factor, Passenger.  |
| Passenger-Mile:                   | The transportation of one passenger one mile.  |
| Non-Revenue Passenger:            | A child or adult carried on a revenue transportation flight for whom no fare is collected, including company personnel.  |
| Revenue Passenger:                | A child or adult for which a fare or part of a fare is paid.   |
| <u>Seat-Miles Available:</u>      | Seats available for the transportation of passengers multiplied by the miles flown on each inter-station flight.   |
| <u>Specialty Flying Services:</u> | Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising.   |
| <u>Tons:</u>                      | Short tons of 2,000 lbs.   |
| <u>Ton-Mile:</u>                  | The transportation of one ton of goods one mile.   |
| <u>Ton-Miles Available:</u>       | Available load capacity multiplied by miles flown on each inter-station flight.  |
| <u>Unit Toll Transportation:</u>  | Public transportation of passengers and goods at a toll per unit. It includes: <ul style="list-style-type: none"><li>(i) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class I); and</li><li>(ii) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3).</li></ul> |
| <u>Weight Load Factor:</u>        | Ratio of revenue ton-miles performed to available ton-miles.   |

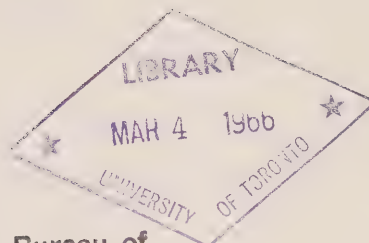




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## CIVIL AVIATION

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## SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures are not available.
- ... Figures not appropriate or not applicable..
- Nil or zero.

## INTRODUCTION

"Civil Aviation" reports are prepared from monthly and quarterly schedules filed with the Air Transport Board and the Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly returns filed with the Dominion Bureau of Statistics by foreign air carriers operating in Canada.

For reporting purposes, Canadian air carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. These groups are described on page twenty of this publication along with other definitions. It should be noted that the definition of each of the five groups was revised as of 1st January 1964. In January 1965, 3 former Group IV carriers were promoted to Group III, 1 Group III carrier was transferred to Group IV and 7 Group V carriers were transferred to Group IV. It should also be noted that Nordair Ltd., classified as a Group II carrier by the Air Transport Board, is included with Group III carriers for statistical purposes. Group V is comprised of small air carriers required to file returns on a quarterly basis only. Data on their operations are excluded from the other carrier statistics appearing throughout the report.

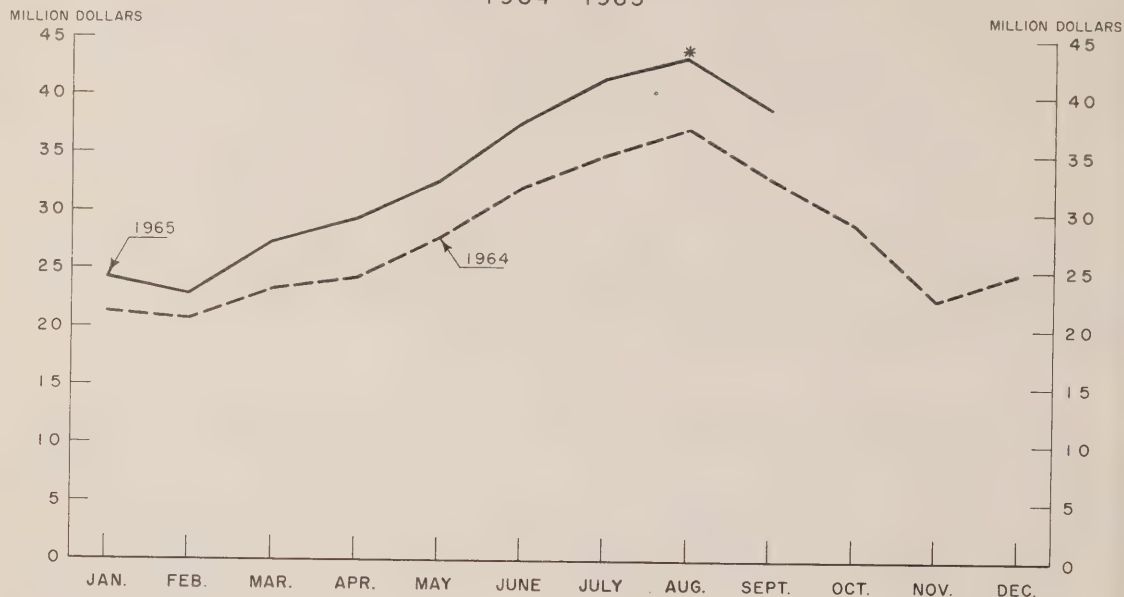
Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. A complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

Domestic and international operations of Canadian carriers are combined in all tables except Table 6 which provides a breakdown of domestic and international operations for Canadian carriers operating international unit toll and bulk services. It should be noted that there are only two Canadian carriers which operate international services on a unit toll basis; however there are other Canadian carriers, in addition to these two carriers, which operate international flights on a bulk or charter basis.

Table 7 provides data on traffic leaving and entering Canada on an area of service basis. Passengers, cargo and mail in transit through Canada are excluded. The table contains the operations of both Canadian and Foreign carriers with separate totals for each.

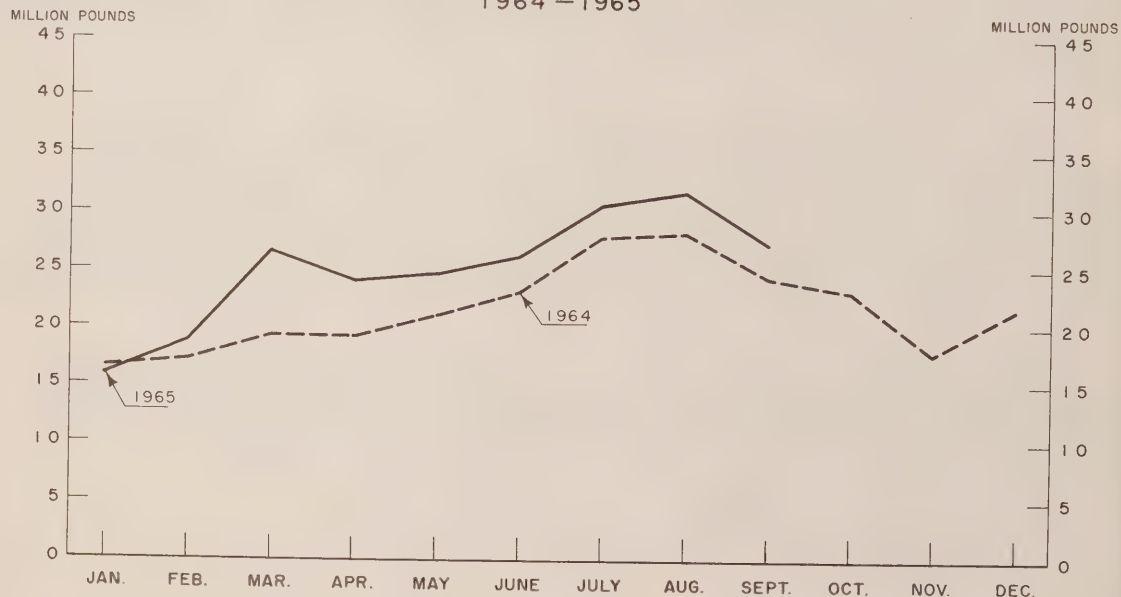
# OPERATING REVENUE OF CANADIAN AIR CARRIERS

1964 - 1965



# REVENUE GOODS CARRIED BY CANADIAN AIR CARRIERS

1964 - 1965



(REVENUE GOODS = FREIGHT + EXPRESS + EXCESS BAGGAGE + MAIL)

## REVIEW OF SEPTEMBER OPERATIONS

(September 1964 figures in brackets)

Increases were reported in the transportation of both revenue passengers and revenue goods by Canadian air carriers during the month of September compared with September 1964. The number of passengers carried totalled 634,937 (564,050) an increase of 12.6 per cent. The weight of goods transported rose to 13,578 (12,161) tons, an increase of 11.7 per cent. Revenue miles flown increased 11.0 per cent to 10,921,039 (9,836,088).

Unit toll and bulk transportation services performed by Canadian carriers accounted for a total of 530,313,979 (454,215,953) passenger-miles and 10,776,076 (9,656,279) goods ton-miles. Unit toll services made up 88.9 per cent of the total passenger-miles and 89.8 per cent of the total goods ton-miles.

September operating revenues showed an 18.3 per cent increase over September 1964 to \$38,899,080 (32,887,024) while operating expenses rose 20.5 per cent to \$32,894,706 (27,302,797) resulting in an operating income of \$6,004,374 (5,584,227) and an income after taxes of \$5,243,494 (4,665,441).

Sixteen (13) carriers who operated helicopters exclusively reported a total of 10,699 (8,068) hours flown by 200 (119) machines. Eight (7) carriers operating both fixed wing craft and helicopters reported a total of 1,243 (539) helicopter-hours flown by 34 (13) machines. Operating revenues by helicopter-only carriers for the month of September amounted to \$1,418,144 (929,597) while operating expenses amounted to \$1,375,029 (653,397).

During September the six scheduled carriers transported 573,814 (506,503) revenue passengers and 9,206 (7,765) tons of revenue goods which amounted to 90.4 per cent of the total number of passengers and 67.8 per cent of the total weight of goods carried by all Canadian carriers. Operating revenues of scheduled carriers amounted to \$34,746,537 (29,506,040) or 89.3 per cent of all Canadian carrier revenues. Operating expenses of scheduled carriers amounted to \$29,440,482 (24,610,327) or 89.5 per cent of all Canadian air carrier expenses.

Revenue passenger-miles performed by Canadian carriers in international unit toll service in September amounted to 208,960,139 (163,518,701) or 44.3 per cent of the total unit toll passenger-miles performed by Canadian carriers. International services performed by Canadian carriers calculated according to passenger-miles travelled were divided by area as follows:

| <u>Area</u>                    | <u>Percentage</u> |
|--------------------------------|-------------------|
| Trans-Border .....             | 20.1              |
| Trans-Atlantic and Polar ..... | 56.3              |
| Southern .....                 | 11.8              |
| Pacific and Orient .....       | 11.8              |
| Total .....                    | 100.0             |

### Foreign Carriers

Foreign carriers licensed to operate in Canada transported 130,589 (97,922) revenue passengers during September, an increase of 33.4 per cent over September 1964. Weight of revenue goods carried totalled 1,626 (1,208) tons, an increase of 34.6 per cent over the same period in 1964. Foreign carriers report hours and miles flown over Canadian territory only. Statistics concerning passengers and goods in transit have been excluded.

### Cumulative Figures for the Year to Date (Canadian carriers)

Compared with the same period in 1964 the first nine months of 1965 showed an increase of 13.2 per cent to 4,962,692 (4,383,877) in the number of revenue passengers carried while the weight of revenue goods carried rose 13.1 per cent to 111,415 (98,504) tons. Passenger-miles performed by Canadian carriers totalled 4,005,342,461 (3,402,156,477) while goods ton-miles totalled 89,950,097 (77,322,612) for the first nine months of the year. Operating revenues increased 17.4 per cent to \$299,306,170 (255,037,472) while operating expenses increased 16.1 per cent to \$270,133,626 (232,736,623).

**Note:** Group III - It should be noted that a report had not been received from Nordair in time for inclusion in this issue. September figures for Nordair will be shown in the year to date figures for October.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

September 1965

|                                      | Canadian carriers                       |                        |           |           |                         | Foreign carriers(2)    |                           | Grand total all carriers | Year to date   |
|--------------------------------------|---|------------------------|-----------|-----------|-------------------------|------------------------|---------------------------|--------------------------|----------------|
|                                      | Scheduled carriers<br>Group I and II(1) | Non-scheduled carriers |           |           | Total Canadian carriers | United States carriers | Other Foreign carriers(3) |                          |                |
|                                      |   | Group III(1)           | Group IV  | Total     |                         |                        |                           |                          |                |
| Number of carriers reporting ...     | 6                                       | 16(10)                 | 53        | 69        | 75                      | 10                     | 9                         | 94                       | ..             |
| Revenue transportation services:     |   |                        |           |           |                         |                        |                           |                          |                |
| Unit toll:                           |   |                        |           |           |                         |                        |                           |                          |                |
| Departures .....                     | 19,681                                  | 3,180                  | 1,164     | 4,344     | 24,025                  | ..                     | ..                        | ..                       | ..             |
| Hours flown .....                    | 26,530                                  | 2,853                  | 611       | 3,464     | 29,994                  | 348                    | 1,397                     | 31,739                   | 263,789        |
| Miles scheduled .....                | 6,954,816                               | ...                    | ...       | ...       | 6,954,816               | 88,032                 | 547,204                   | 7,590,052                | 62,227,931     |
| Miles flown: <sup>(4)</sup>          |   |                        |           |           |                         |                        |                           |                          |                |
| Scheduled .....                      | 7,148,233                               | ...                    | ...       | ...       | 7,148,233               | 87,308                 | 582,990                   | 7,818,531                | 63,427,266     |
| Non-scheduled .....                  | 178,462                                 | ...                    | ...       | ...       | 580,739                 | -                      | -                         | 580,739                  | 6,007,377      |
| Totals .....                         | 7,326,695                               | 333,435                | 68,842    | 402,277   | 7,728,972               | 87,308                 | 582,990                   | 8,399,270                | 69,434,643     |
| Passengers carried .....             | 551,121                                 | 12,121                 | 3,643     | 15,764    | 566,885                 | 84,055                 | 40,081                    | 691,021                  | 5,406,930      |
| Goods carried:                       |   |                        |           |           |                         |                        |                           |                          |                |
| Cargo .....                          | 11,995,144                              | 617,923                | 141,860   | 759,783   | 12,754,927              | 1,019,055(8)           | 2,233,612(8)              | 16,267,053(8)            | 127,410,557(8) |
| Excess baggage .....                 | 172,205(5)                              | 52,014                 | 35,240    | 87,254    | 259,459                 | 163,080                | 143,276                   | 4,197,285                | 39,008,955     |
| Mail .....                           | 3,799,283                               | 71,138                 | 20,508    | 91,646    | 3,890,929               | 1,182,135              | 2,376,888                 | 20,464,338               | 166,419,512    |
| Totals .....                         | 15,966,632                              | 741,075                | 197,608   | 938,683   | 16,905,315              | ...                    | ...                       | ...                      | ...            |
| Passenger-miles .....                | 469,907,921                             | 1,141,205              | 322,900   | 1,464,105 | 471,372,026             | 3,513,064              | 34,240,399                | 509,125,489              | 3,894,543,135  |
| Goods ton-miles:                     |   |                        |           |           |                         |                        |                           |                          |                |
| Cargo .....                          | 7,567,959                               | 37,803                 | 33,249    | 71,052    | 7,639,011               | 25,097                 | 812,173                   | 8,788,529                | 67,353,301     |
| Excess baggage .....                 | 308,833                                 | 3,012                  | 403       | 3,415     | 312,248                 | ...                    | ...                       | ...                      | ...            |
| Mail .....                           | 1,715,261                               | 13,604                 | 1,117     | 14,721    | 1,729,982               | 3,489                  | 59,062                    | 1,792,533                | 15,867,166     |
| Totals .....                         | 9,592,053                               | 54,419                 | 34,769    | 89,188    | 9,681,241               | 28,586                 | 871,235                   | 10,581,062               | 83,220,467     |
| Bulk:                                |   |                        |           |           |                         |                        |                           |                          |                |
| Departures .....                     | 4,317                                   | 7,159                  | 17,297    | 24,456    | 28,773                  | ..                     | ..                        | ..                       | ..             |
| Hours flown .....                    | 5,571                                   | 11,402                 | 17,493    | 28,895    | 34,466                  | 1                      | 182                       | 34,649                   | 259,619        |
| Miles flown .....                    | 1,054,112                               | 763,995                | 1,373,960 | 2,137,955 | 3,192,067               | 395                    | 65,070                    | 3,257,532                | 25,267,496     |
| Passengers carried .....             | 22,693                                  | 18,713                 | 26,646    | 45,359    | 68,052                  | 458                    | 5,995                     | 74,505                   | 550,050        |
| Freight carried .....                | 2,445,470                               | 3,907,403              | 3,896,964 | 7,804,367 | 10,249,837              | -                      | -                         | 10,249,837               | 90,445,782     |
| Passenger-miles(6) .....             | 52,870,729                              | 5,907,524              | 163,700   | 6,071,224 | 58,941,953              | ..                     | ..                        | ..                       | ..             |
| Goods ton-miles(6) .....             | 753,384                                 | 336,720                | 4,731     | 341,451   | 1,094,835               | -                      | -                         | 1,094,835                | ..             |
| Revenue non-transportation services: |   |                        |           |           |                         |                        |                           |                          |                |
| Specialty flying - Hours flown "     | 257                                     | 3,061                  | 6,701     | 9,762     | 10,019                  | -                      | -                         | 10,019                   | 99,756         |

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

September 1965

|                                    | Canadian carriers  |              |                        |           |               | Total Canadian carriers | Foreign carriers(2)    |                           | Grand total all carriers | Year to date   |
|------------------------------------|--------------------|--------------|------------------------|-----------|---------------|-------------------------|------------------------|---------------------------|--------------------------|----------------|
|                                    | Scheduled carriers |              | Non-scheduled carriers |           |               |                         | United States carriers | Other Foreign carriers(3) |                          |                |
|                                    | Groups I and II(1) | Group III(1) | Group IV               | Total     |               |                         |                        |                           |                          |                |
| Total - All services:              |                    |              |                        |           |               |                         |                        |                           |                          |                |
| Revenue:                           |                    |              |                        |           |               |                         |                        |                           |                          |                |
| Traffic, miles and hours:(7)       |                    |              |                        |           |               |                         |                        |                           |                          |                |
| Departures .....                   | 23,998             | 10,339       | 18,461                 | 28,800    | 52,798        | ..                      | ..                     | 76,407                    | ..                       | 623,164        |
| Hours flown .....                  | 32,358             | 17,316       | 24,805                 | 42,121    | 74,479        | 349                     | 1,579                  | 76,407                    | ..                       | 94,702,139     |
| Miles flown .....                  | 8,380,807          | 1,097,430    | 1,442,802              | 2,540,232 | 10,921,039    | 87,703                  | 648,060                | 11,656,802                | ..                       | 5,956,980      |
| Passengers carried .....           | 573,814            | 30,834       | 30,289                 | 61,123    | 634,937       | 84,513                  | 46,076                 | 765,526                   | ..                       | 217,856,339(8) |
| Cargo carried .....                | 14,440,614         | 4,525,326    | 4,038,824              | 8,564,150 | 23,264,223(8) | 1,019,055(8)            | 2,233,612(8)           | 26,516,890(8)             | ..                       | 256,865,294    |
| Goods carried .....                | 18,412,102         | 4,648,478    | 4,094,572              | 8,743,050 | 27,155,152    | 1,182,135               | 2,376,888              | 30,714,175                | ..                       | ..             |
| Passenger-miles(6) .....           | 522,778,650        | 7,048,729    | 486,600                | 7,535,329 | 530,313,979   | ..                      | ..                     | ..                        | ..                       | ..             |
| Goods ton-miles(6) .....           | 10,345,437         | 391,139      | 39,500                 | 430,639   | 10,776,076    | ..                      | ..                     | ..                        | ..                       | ..             |
| Non-revenue:                       |                    |              |                        |           |               |                         |                        |                           |                          |                |
| Hours flown .....                  | 784                | 607          | 965                    | 1,572     | 2,356         | 2                       | 3                      | 2,361                     | ..                       | 21,481         |
| Passengers carried .....           | 3,197              | 1            | 51                     | 52        | 3,249         | 1,337                   | 659                    | 5,245                     | ..                       | 43,172         |
| Goods carried .....                | 225,114            | 3,339        | 5,250                  | 8,589     | 233,703       | 25,237                  | 82,475                 | 341,415                   | ..                       | 3,063,052      |
| Passenger-miles .....              | 19,619,061         | 1,582        | 41                     | 1,623     | 19,620,684    | 54,019                  | 511,315                | 20,186,018                | ..                       | 170,223,821    |
| Goods ton-miles .....              | 616,726            | 321          | -                      | 321       | 617,047       | 320                     | 25,029                 | 642,396                   | ..                       | 6,411,608      |
| Fuel and oil consumed:             |                    |              |                        |           |               |                         |                        |                           |                          |                |
| Turbo fuel - Quantity .....        | 20,796,471         | -            | 15,759                 | 15,759    | 20,812,230    | 282,010                 | 4,420,548              | 25,514,788                | ..                       | 197,438,963    |
| Cost .....                         | 2,852,206          | -            | 5,482                  | 5,482     | 2,857,688     | 47,104                  | 709,921                | 3,614,713                 | ..                       | 32,390,787     |
| Gasoline - Quantity .....          | 1,273,200          | 518,061      | 392,695                | 910,756   | 2,183,956     | 7,950                   | 9,239                  | 2,201,145                 | ..                       | 20,984,685     |
| Cost .....                         | 416,371            | 215,069      | 183,629                | 398,698   | 815,069       | 2,979                   | 2,956                  | 821,004                   | ..                       | 7,742,005      |
| Turbo oil - Quantity .....         | 4,056              | -            | 2                      | 2         | 4,058         | 34                      | 103                    | 4,195                     | ..                       | 37,693         |
| Cost .....                         | 36,001             | -            | 30                     | 30        | 36,031        | 190                     | 1,007                  | 37,228                    | ..                       | 345,678        |
| Other oil - Quantity .....         | 14,376             | 6,586        | 8,163                  | 14,749    | 29,125        | 12                      | -                      | 29,137                    | ..                       | 265,099        |
| Cost .....                         | 16,340             | 11,627       | 11,714                 | 23,341    | 39,681        | 5                       | -                      | 39,686                    | ..                       | 344,980        |
| Average number of employees:       |                    |              |                        |           |               |                         |                        |                           |                          |                |
| Pilots and co-pilots .....         | 1,121              | 333          | 362                    | 695       | 1,816         | ..                      | ..                     | ..                        | ..                       | ..             |
| Other flight personnel .....       | 1,236              | 22           | 66                     | 88        | 1,324         | ..                      | ..                     | ..                        | ..                       | ..             |
| General management .....           | 314                | 100          | 97                     | 197       | 511           | ..                      | ..                     | ..                        | ..                       | ..             |
| Maintenance labour .....           | 3,829              | 295          | 260                    | 555       | 4,384         | ..                      | ..                     | ..                        | ..                       | ..             |
| Aircraft & traffic servicing ..... | 5,508              | 96           | 43                     | 139       | 5,647         | ..                      | ..                     | ..                        | ..                       | ..             |
| Other personnel .....              | 4,805              | 149          | 243                    | 392       | 5,197         | ..                      | ..                     | ..                        | ..                       | ..             |
| Totals .....                       | 16,813             | 995          | 1,071                  | 2,066     | 18,879        | 289                     | 685                    | 19,853                    | ..                       | 19,393         |
| Salaries and wages paid:           |                    |              |                        |           |               |                         |                        |                           |                          |                |
| Pilots and co-pilots .....         | 1,388,328          | 274,918      | 268,955                | 543,873   | 1,932,201     | ..                      | ..                     | ..                        | ..                       | ..             |
| Other flight personnel .....       | 612,207            | 10,613       | 28,285                 | 38,898    | 651,105       | ..                      | ..                     | ..                        | ..                       | ..             |
| General management .....           | 290,509            | 63,067       | 59,469                 | 122,536   | 413,045       | ..                      | ..                     | ..                        | ..                       | ..             |
| Maintenance labour .....           | 2,118,607          | 144,513      | 121,543                | 266,056   | 2,384,663     | ..                      | ..                     | ..                        | ..                       | ..             |
| Aircraft & traffic servicing ..... | 2,770,405          | 32,260       | 13,746                 | 46,006    | 2,816,411     | ..                      | ..                     | ..                        | ..                       | ..             |
| Other personnel .....              | 2,498,692          | 50,855       | 85,162                 | 136,017   | 2,634,709     | ..                      | ..                     | ..                        | ..                       | ..             |
| Totals .....                       | 9,678,748          | 576,226      | 577,160                | 1,153,386 | 10,832,134    | 156,087                 | 346,952                | 11,335,173                | ..                       | 99,192,486     |

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

(2) See "Foreign Carriers", page 7, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Air Canada.

(6) Excludes chartered aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(7) These data exclude non-transportation services, except for hours flown.

(8) Includes excess baggage.

(9) Data in Tables 4, 5, 6, 7, 8 and 9 included in this table.

(10) Excludes Nordair.



TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group  
September 1965

|                                       | Scheduled carriers |             |            | Non-scheduled carriers |           |           | Grand total | Year to date |
|---------------------------------------|--------------------|-------------|------------|------------------------|-----------|-----------|-------------|--------------|
|                                       | Group I            | Group II(1) | Total      | Group III(1)           | Group IV  | Total     |             |              |
|                                       | dollars            |             |            |                        |           |           |             |              |
| <b>Operating revenues:</b>            |                    |             |            |                        |           |           |             |              |
| Unit toll transportation:             |                    |             |            |                        |           |           |             |              |
| Passengers .....                      | 26,818,054         | 1,198,583   | 28,016,637 | 244,526                | 50,085    | 294,611   | 28,311,248  | 216,595,490  |
| Express .....                         | 543,698            | 27,976      | 571,674    | 6,558                  | 1,567     | 8,125     | 4,083,713   | 15,647,046   |
| Freight .....                         | 1,747,302          | 216,478     | 1,963,780  | 46,677                 | 9,509     | 56,186    | 2,019,966   | 1,509,380    |
| Excess baggage .....                  | 177,197            | 22,843      | 200,040    | 4,854                  | 843       | 5,697     | 1,444,191   | 251,218,279  |
| Mail .....                            | 1,302,345          | 114,669     | 1,417,014  | 22,968                 | 4,209     | 27,177    | 32,560,941  | 38,626,243   |
| Total unit toll transportation ..     | 30,588,596         | 1,580,549   | 32,169,145 | 325,583                | 66,213    | 391,796   | 37,858,640  | 289,844,522  |
| Bulk transportation .....             | 1,596,205          | 794,584     | 2,390,789  | 1,388,748              | 1,518,162 | 2,906,910 | 37,858,640  | 690,676      |
| Total transportation .....            | 32,184,801         | 2,375,133   | 34,559,934 | 1,714,331              | 3,298,706 | 5,013,037 | 38,549,316  | 295,925,897  |
| Other flying services .....           | 3,476              | 55,742      | 59,218     | 355,933                | 275,525   | 631,458   | 38,549,316  | 3,380,273    |
| Total flying services .....           | 32,188,277         | 2,430,875   | 34,619,152 | 2,070,264              | 3,574,231 | 5,644,495 | 38,549,316  | 299,306,170  |
| Non-flying services .....             | 107,695            | 19,690      | 127,385    | 103,369                | 119,010   | 222,379   | 38,549,316  | 38,626,243   |
| Total operating revenues .....        | 32,295,972         | 2,450,565   | 34,746,537 | 2,173,633              | 3,693,241 | 5,866,874 | 38,549,316  | 299,306,170  |
| <b>Operating expenses:</b>            |                    |             |            |                        |           |           |             |              |
| Flying operations .....               | 6,580,701          | 770,832     | 7,351,533  | 841,741                | 752,370   | 1,594,111 | 8,945,644   | 73,029,397   |
| Maintenance .....                     | 5,652,525          | 678,781     | 6,331,306  | 491,332                | 359,703   | 851,035   | 7,182,341   | 59,764,643   |
| General services and administration:  |                    |             |            |                        |           |           |             |              |
| Passenger service .....               | 2,488,585          | 89,677      | 2,578,262  | ..                     | ..        | ..        | ..          | ..           |
| Aircraft and traffic servicing ..     | 3,862,561          | 302,855     | 4,165,416  | ..                     | ..        | ..        | ..          | ..           |
| Promotion and sales .....             | 4,733,738          | 143,409     | 4,877,147  | ..                     | ..        | ..        | ..          | ..           |
| General administration .....          | 1,079,853          | 149,937     | 1,229,790  | ..                     | ..        | ..        | ..          | ..           |
| Totals .....                          | 12,164,737         | 685,878     | 12,850,615 | 291,722                | 255,852   | 547,574   | 13,398,189  | 108,805,614  |
| Depreciation and amortization ..      | 2,799,702          | 107,326     | 2,907,028  | 336,898                | 124,606   | 461,504   | 3,368,532   | 28,533,972   |
| Total operating expenses .....        | 27,197,665         | 2,242,817   | 29,440,482 | 1,961,693              | 1,492,531 | 3,454,224 | 32,894,706  | 270,133,656  |
| Operating income (loss) .....         | 5,098,307          | 207,748     | 5,306,055  | 211,940                | 486,379   | 698,319   | 6,004,374   | 29,172,544   |
| Non-operating income - Net:           |                    |             |            |                        |           |           |             |              |
| Capital gains and losses .....        | 336,764            | 39,574      | 39,574     | 9,909                  | 18,271    | 28,180    | 67,754      | 627,026      |
| Interest and discounts .....          | 13,132             | 117         | 336,881    | 4,034                  | 743       | 3,291     | 333,590     | 2,205,559    |
| Miscellaneous non-operating income .. | Dr.                | 6,406       | 6,726      | 3,660                  | 9,509     | 5,849     | Dr.         | 292,042      |
| Income before interest expense .....  | 5,421,939          | 253,845     | 5,675,784  | 214,155                | 514,902   | 729,057   | 6,404,841   | 31,713,087   |
| Interest expense .....                | 927,855            | 56,244      | 984,099    | 20,174                 | 30,185    | 50,359    | 1,034,458   | 9,599,521    |
| Income before income taxes .....      | 4,494,084          | 197,601     | 4,691,685  | 193,981                | 484,717   | 678,698   | 5,370,383   | 22,113,566   |
| Provision for income taxes .....      | -                  | 67,747      | 67,747     | 16,505                 | 42,637    | 59,142    | 126,889     | 997,937      |
| Net income after income taxes .....   | 4,494,084          | 129,854     | 4,623,938  | 177,476                | 442,080   | 619,556   | 5,243,494   | 21,115,629   |

(1) Group II non-scheduled carriers included with Group III for purposes of this report.  
(2) Data in Tables 3, 8 and 10 included in this table.

TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

September 1965

|                                       | Air<br>Canada | Canadian<br>Pacific<br>Air Lines | Eastern<br>Provincial<br>Airways<br>(1963) | Pacific<br>Western<br>Airlines | Quebecair<br>Inc. | Transair<br>Ltd. | Total      | Year<br>to<br>date |
|---------------------------------------|---------------|----------------------------------|--|--------------------------------|-------------------|------------------|------------|--------------------|
| dollars                               |               |                                  |  |                                |                   |                  |            |                    |
| Operating revenues:                   |               |                                  |  |                                |                   |                  |            |                    |
| Unit toll transportation:             |               |                                  |  |                                |                   |                  |            |                    |
| Passengers .....                      | 21,210,994    | 5,607,060                        | 193,222                                    | 531,923                        | 282,985           | 190,453          | 28,016,637 | 213,910,437        |
| Express .....                         | 513,593       | 30,105                           | 4,805                                      | 19,583                         | -                 | 3,588            | 571,674    | 3,998,788          |
| Freight .....                         | 1,350,359     | 396,943                          | 57,809                                     | 98,847                         | 37,822            | 22,000           | 1,963,780  | 14,759,084         |
| Excess baggage .....                  | 1,110,074     | 67,123                           | 2,518                                      | 11,616                         | 7,462             | 1,247            | 200,040    | 1,454,729          |
| Mail .....                            | 1,005,746     | 296,599                          | 26,281                                     | 53,655                         | 7,444             | 27,289           | 1,417,014  | 12,862,399         |
| Total unit toll transportation ..     | 24,190,766    | 6,397,830                        | 284,635                                    | 715,624                        | 335,713           | 244,577          | 32,169,145 | 246,985,437        |
| Bulk transportation .....             | 925,430       | 670,775                          | 115,899                                    | 453,201                        | 6,893             | 218,591          | 2,390,789  | 15,524,958         |
| Total transportation .....            | 25,116,196    | 7,068,605                        | 400,534                                    | 1,168,825                      | 342,606           | 463,168          | 34,559,934 | 262,510,395        |
| Other flying services .....           | 3,476         | -                                | 55,742                                     | -                              | -                 | -                | 59,218     | 492,516            |
| Total flying services .....           | 25,119,672    | 7,068,605                        | 456,276                                    | 1,168,825                      | 342,606           | 463,168          | 34,619,152 | 263,002,911        |
| Non-flying services .....             | 14,572        | 93,123                           | 8,708                                      | Dr.                            | 7,667             | 5,027            | 127,385    | 1,788,953          |
| Total operating revenues .....        | 25,134,244    | 7,161,728                        | 464,984                                    | 1,167,113                      | 350,273           | 468,195          | 34,746,537 | 264,791,864        |
| Operating expenses:                   |               |                                  |  |                                |                   |                  |            |                    |
| Flying operations .....               | 4,682,356     | 1,898,345                        | 124,302                                    | 413,638                        | 79,864            | 153,008          | 7,351,533  | 60,373,082         |
| Maintenance .....                     | 4,695,009     | 957,516                          | 135,594                                    | 295,498                        | 106,616           | 141,073          | 6,331,306  | 51,004,042         |
| General services and administrations: |               |                                  |  |                                |                   |                  |            |                    |
| Passenger service .....               | 1,947,889     | 540,696                          | 19,395                                     | 45,084                         | 10,439            | 14,759           | 2,578,262  | 20,176,446         |
| Aircraft and traffic servicing .....  | 3,244,121     | 618,440                          | 95,873                                     | 158,229                        | 27,568            | 21,185           | 4,165,416  | 34,290,021         |
| Promotion and sales .....             | 3,469,595     | 1,264,143                        | 9,336                                      | 38,318                         | 57,814            | 37,941           | 4,877,147  | 38,775,485         |
| General administration .....          | 873,030       | 206,823                          | 30,235                                     | 60,197                         | 37,873            | 21,632           | 1,229,790  | 10,212,248         |
| Totals .....                          | 9,534,635     | 2,630,102                        | 154,839                                    | 301,828                        | 133,694           | 95,517           | 12,850,615 | 103,454,200        |
| Depreciation and amortization .....   | 2,617,247     | 182,455                          | 46,477                                     | 31,364                         | 23,459            | 6,026            | 2,907,028  | 25,873,661         |
| Total operating expenses .....        | 21,529,247    | 5,668,418                        | 461,212                                    | 1,042,348                      | 343,633           | 395,624          | 29,440,482 | 240,704,985        |
| Operating income (loss) .....         | 3,604,997     | 1,493,310                        | 3,772                                      | 124,765                        | 6,640             | 72,571           | 5,306,055  | 24,086,879         |
| Non-operating income - Net:           |               |                                  |  |                                |                   |                  |            |                    |
| Capital gains and losses .....        | -             | -                                | -  | -                              | 532               | 40,106           | 39,574     | 298,131            |
| Interest and discounts .....          | 270,483       | 66,281                           | 9  | -                              | -                 | 108              | 336,881    | 2,166,043          |
| Miscellaneous non-operating income .. | Dr. 11,714    | Dr. 1,418                        | Dr. 12,332                                 | Dr. 19,203                     | Dr. 211           | Dr. 254          | Dr. 6,726  | Dr. 334,329        |
| Income before interest expense .....  | 3,863,766     | 1,558,173                        | 8,551                                      | 143,968                        | 5,897             | 112,531          | 5,675,784  | 26,216,724         |
| Interest expense .....                | 927,855       | -                                | 27,146                                     | 8,473                          | 16,246            | 4,379            | 984,099    | 8,929,463          |
| Income before income taxes .....      | 2,935,911     | 1,558,173                        | 35,697                                     | 135,495                        | 10,349            | 108,152          | 4,691,685  | 17,287,261         |
| Provision for income taxes .....      | -             | -                                | -  | 67,747                         | -                 | -                | 67,747     | 377,943            |
| Net income after income taxes .....   | 2,935,911     | 1,558,173                        | 35,697                                     | 67,748                         | 10,349            | 108,152          | 4,623,938  | 16,909,318         |

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

September 1965

|   | Group I carriers |                            |             | Group II carriers                 |                             |                   |                  |            | Grand total |
|---|------------------|----------------------------|-------------|-----------------------------------|-----------------------------|-------------------|------------------|------------|-------------|
|   | Air Canada       | Canadian Pacific Air Lines | Total       | Eastern Provincial Airways (1963) | Pacific Western Airlines(1) | Quebecair Inc.(1) | Transair Ltd.(1) | Total(1)   |             |
| Revenue transportation services:                      |                  |                            |             |                                   |                             |                   |                  |            |             |
| Unit toll:  |                  |                            |             |                                   |                             |                   |                  |            |             |
| Departures .....                                      | 13,006           | 1,903                      | 14,909      | 968                               | 1,650                       | 1,088             | 1,066            | 4,772      | 19,681      |
| Hours flown .....                                     | 18,115           | 3,580                      | 21,695      | 943                               | 1,850                       | 905               | 1,137            | 4,835      | 26,530      |
| Miles scheduled .....                                 | 5,102,810        | 1,281,372                  | 6,384,182   | 156,548                           | 216,345                     | 106,688           | 91,053           | 570,634    | 6,954,816   |
| Miles flown:  |                  |                            |             |                                   |                             |                   |                  |            |             |
| Scheduled - Regular .....                             | 5,049,727        | 1,265,465                  | 6,315,192   | 136,362                           | 209,682                     | 95,624            | 90,961           | 532,629    | 6,847,821   |
| Extra section .....                                   | 256,544          | 1,989                      | 258,533     | 11,297                            | 19,367                      | 3,226             | 7,989            | 41,879     | 300,412     |
| Non-scheduled .....                                   | -                | -                          | -           | 1,849                             | 58,215                      | 55,458            | 62,940           | 178,462    | 178,462     |
| Totals .....  | 5,306,271        | 1,267,454                  | 6,573,725   | 149,508                           | 287,264                     | 154,308           | 161,890          | 752,970    | 7,326,695   |
| Ratio of regular miles flown to miles scheduled ..... | 99.0             | 98.8                       | 98.9        | 87.1                              | 96.9                        | 89.6              | 99.9             | 93.3       | 98.5        |
| Passengers carried .....                              | 448,736          | 55,745                     | 504,481     | 7,813                             | 22,848                      | 9,739             | 6,240            | 46,640     | 551,121     |
| Goods carried:  |                  |                            |             |                                   |                             |                   |                  |            |             |
| Freight .....   | 7,871,557        | 1,078,462                  | 8,950,019   | 469,948                           | 756,832                     | 183,871           | 119,278          | 1,529,929  | 10,479,948  |
| Express .....   | 1,289,098        | 133,876                    | 1,422,974   | 22,656                            | 53,929                      | -                 | 15,637           | 92,222     | 1,515,196   |
| Excess baggage .....                                  | "                | 73,745                     | 73,745(2)   | 13,077                            | 42,019                      | 34,553            | 8,811            | 98,460     | 172,205(2)  |
| Mail .....  | 3,119,262        | 242,225                    | 3,361,487   | 144,641                           | 165,377                     | 38,470            | 89,308           | 437,796    | 3,799,283   |
| Totals .....  | 12,279,917       | 1,528,308                  | 13,808,225  | 650,322                           | 1,018,157                   | 256,894           | 233,034          | 2,158,407  | 15,966,632  |
| Passenger-miles:                                      |                  |                            |             |                                   |                             |                   |                  |            |             |
| Scheduled .....                                       | 359,475,930      | 96,997,925                 | 456,473,855 | 2,158,188                         | 5,659,731                   | 1,896,207         | 1,796,777        | 11,510,903 | 467,984,758 |
| Non-scheduled .....                                   | -                | -                          | -           | 21,050                            | 395,910                     | 1,230,238         | 275,965          | 1,923,163  | 1,923,163   |
| Totals .....  | 359,475,930      | 96,997,925                 | 456,473,855 | 2,179,238                         | 6,055,641                   | 3,126,445         | 2,072,742        | 13,434,066 | 469,907,921 |
| Available seat-miles on scheduled services .....      | 510,434,309      | 153,292,430                | 663,726,739 | 4,425,417                         | 10,032,620                  | 3,405,216         | 4,786,219        | 22,649,472 | 686,376,211 |
| Passenger load factor on scheduled services .....     | 70.4             | 63.3                       | 68.8        | 48.8                              | 56.4                        | 55.7              | 37.5             | 50.8       | 68.2        |
| Goods ton-miles:                                      |                  |                            |             |                                   |                             |                   |                  |            |             |
| Freight - Scheduled .....                             | 5,272,156        | 1,293,831                  | 6,565,987   | 128,464                           | 202,139                     | 23,454            | 12,060           | 366,117    | 6,932,104   |
| Non-scheduled .....                                   | -                | -                          | -           | 39                                | 9,262                       | 13,668            | 7,889            | 30,838     | 30,838      |
| Totals .....  | 5,272,156        | 1,293,831                  | 6,565,987   | 128,503                           | 211,401                     | 37,102            | 19,949           | 396,955    | 6,962,942   |
| Express - Scheduled .....                             | 546,426          | 37,041                     | 583,467     | 3,469                             | 14,931                      | -                 | 2,911            | 21,311     | 604,778     |
| Non-scheduled .....                                   | -                | -                          | -           | 18                                | -                           | -                 | 221              | 239        | 239         |
| Totals .....  | 546,426          | 37,041                     | 583,467     | 3,487                             | 14,931                      | -                 | 3,132            | 21,550     | 605,017     |

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Continued

September 1965

|   | Group I carriers |                            |             | Group II carriers                 |                              |                    |                   |            | Grand total |
|---|------------------|----------------------------|-------------|-----------------------------------|------------------------------|--------------------|-------------------|------------|-------------|
|   | Air Canada       | Canadian Pacific Air Lines | Total       | Eastern Provincial Airways (1963) | Pacific Western Airlines (1) | Quebecair Inc. (1) | Transair Ltd. (1) | Total (1)  |             |
| Revenue transportation services - Concluded:                              |                  |                            |             |                                   |                              |                    |                   |            |             |
| Unit toll - Concluded:  |                  |                            |             |                                   |                              |                    |                   |            |             |
| Goods ton-miles - Concluded:  |                  |                            |             |                                   |                              |                    |                   |            |             |
| Excess baggage - Scheduled .....  | 210,497          | 79,244                     | 289,741     | 2,572                             | 7,642                        | 3,993              | 948               | 15,155     | 304,896     |
| Non-scheduled .....   | -                | -                          | -           | 22                                | 319                          | 3,307              | 289               | 3,937      | 3,937       |
| Totals .....  | 210,497          | 79,244                     | 289,741     | 2,594                             | 7,961                        | 7,300              | 1,237             | 19,092     | 308,833     |
| Mail - Scheduled .....  | 1,379,746        | 241,894                    | 1,621,640   | 27,267                            | 47,940                       | 3,760              | 5,762             | 84,729     | 1,706,369   |
| Non-scheduled .....   | -                | -                          | -           | 21                                | 434                          | 1,489              | 6,948             | 8,892      | 8,892       |
| Totals .....  | 1,379,746        | 241,894                    | 1,621,640   | 27,288                            | 48,374                       | 5,249              | 12,710            | 93,621     | 1,715,261   |
| Total - Scheduled .....   | 7,408,825        | 1,652,010                  | 9,060,835   | 161,772                           | 272,652                      | 31,207             | 21,681            | 487,312    | 9,548,147   |
| Non-scheduled .....   | -                | -                          | -           | 100                               | 10,015                       | 18,444             | 15,347            | 43,906     | 43,906      |
| Totals .....  | 7,408,825        | 1,652,010                  | 9,060,835   | 161,872                           | 282,667                      | 49,651             | 37,028            | 531,218    | 9,592,053   |
| Available ton-miles on scheduled services .....                           | 76,006,111       | 19,760,606                 | 95,766,717  | 744,365                           | 1,474,788                    | 338,473            | 381,775           | 2,939,401  | 98,706,118  |
| Weight load factor on scheduled services(3) .....                         | 57.0             | 57.4                       | 57.1        | 50.7                              | 56.9                         | 65.2               | 52.7              | 55.7       | 57.1        |
| Bulk:   |                  |                            |             |                                   |                              |                    |                   |            |             |
| Departures .....  | 177              | 129                        | 306         | 1,200                             | 2,403                        | 32                 | 376               | 4,011      | 4,317       |
| Hours flown .....   | 605              | 725                        | 1,330       | 973                               | 2,457                        | 33                 | 778               | 4,241      | 5,571       |
| Miles flown .....   | 261,955          | 249,928                    | 511,883     | 86,251                            | 323,913                      | 4,598              | 127,467           | 542,229    | 1,054,112   |
| Passengers carried .....  | 8,766            | 5,109                      | 13,875      | 2,154                             | 4,836                        | 242                | 1,588             | 8,818      | 22,693      |
| Freight carried .....   | -                | -                          | -           | 160,263                           | 1,253,827                    | 1,677              | 1,029,703         | 2,445,470  | 2,445,470   |
| Passenger-miles(4) .....  | 26,654,696       | 19,408,281                 | 46,062,977  | 246,079                           | 5,183,105                    | 79,291             | 1,299,277         | 6,807,732  | 52,870,729  |
| Goods ton-miles(4) .....  | -                | -                          | -           | 5,670                             | 345,224                      | 11                 | 402,479           | 753,384    | 753,384     |
| Revenue non-transportation services: Specialty flying - Hours flown ..... | 13               | -                          | 13          | 244                               | -                            | -                  | -                 | 244        | 257         |
| Total - All services:   |                  |                            |             |                                   |                              |                    |                   |            |             |
| Traffic, hours and miles:(5)  |                  |                            |             |                                   |                              |                    |                   |            |             |
| Revenue:  |                  |                            |             |                                   |                              |                    |                   |            |             |
| Departures .....  | 13,183           | 2,032                      | 15,215      | 2,168                             | 4,053                        | 1,120              | 1,442             | 8,783      | 23,998      |
| Hours flown .....   | 18,733           | 4,305                      | 23,038      | 2,160                             | 4,307                        | 938                | 1,915             | 9,320      | 32,358      |
| Miles flown .....   | 5,568,226        | 1,517,382                  | 7,085,608   | 235,759                           | 611,177                      | 158,906            | 289,357           | 1,295,199  | 8,380,807   |
| Passengers carried .....  | 457,502          | 60,854                     | 518,356     | 9,967                             | 27,682                       | 9,981              | 7,828             | 55,458     | 573,814     |
| Cargo carried .....   | 9,160,655        | 1,212,338                  | 10,372,993  | 632,867                           | 2,064,588                    | 185,548            | 1,164,618         | 4,067,621  | 14,440,614  |
| Goods carried .....   | 12,279,917       | 1,528,308                  | 13,808,225  | 810,585                           | 2,271,984                    | 238,571            | 1,262,737         | 4,603,877  | 18,412,102  |
| Passenger-miles(4) .....  | 386,130,626      | 116,406,206                | 502,536,832 | 2,425,317                         | 11,238,746                   | 3,205,736          | 3,372,019         | 20,241,818 | 52,778,650  |
| Goods ton-miles(4) .....  | 7,408,825        | 1,652,010                  | 9,060,835   | 167,542                           | 627,891                      | 49,662             | 439,507           | 1,284,602  | 10,345,437  |

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

September 1965

|   | Group I carriers |                            |             | Group II carriers                 |                              |                    |                   | Total (1) | Grand total |
|---|------------------|----------------------------|-------------|-----------------------------------|------------------------------|--------------------|-------------------|-----------|-------------|
|   | Air Canada       | Canadian Pacific Air Lines | Total       | Eastern Provincial Airways (1963) | Pacific Western Airlines (1) | Quebecair Inc. (1) | Transair Ltd. (1) |           |             |
| Total - All services - Concluded:         |                  |                            |             |                                   |                              |                    |                   |           |             |
| Traffic, hours and miles - Concluded: (5) |                  |                            |             |                                   |                              |                    |                   |           |             |
| Non-revenue:                              |                  |                            |             |                                   |                              |                    |                   |           |             |
| Hours flown .....                         | 199              | 68                         | 267         | 130                               | 275                          | 18                 | 94                | 517       | 784         |
| Passengers carried .....                  | "                | 2,462                      | 2,462 (2)   | 206                               | 336                          | 125                | 68                | 735       | 3,197       |
| Goods carried .....                       | "                | 147,348                    | 147,348 (2) | 29,033                            | 36,047                       | -                  | 12,686            | 77,766    | 225,114     |
| Passenger-miles .....                     | 13,744,348       | 5,543,841                  | 19,288,189  | 137,492                           | 120,628                      | 32,405             | 40,347            | 330,872   | 19,619,061  |
| Goods ton-miles .....                     | 409,280          | 186,576                    | 595,856     | 5,593                             | 12,439                       | -                  | 2,838             | 20,870    | 616,726     |
| Fuel and oil consumed:                    |                  |                            |             |                                   |                              |                    |                   |           |             |
| Turbo fuel - Quantity .....               | 16,103,872       | 4,364,428                  | 20,468,300  | 116,710                           | -                            | 125,371            | 86,090            | 328,171   | 20,796,471  |
| Cost .....                                | 2,071,573        | 711,224                    | 2,782,797   | 24,509                            | -                            | 26,328             | 18,572            | 69,409    | 2,852,206   |
| Gasoline - Quantity .....                 | -                | 444,259                    | 444,259     | 103,494                           | 522,674                      | 20,642             | 182,131           | 828,941   | 1,273,200   |
| Cost .....                                | -                | 120,727                    | 120,727     | 33,021                            | 190,232                      | 6,812              | 65,579            | 295,644   | 416,371     |
| Turbo oil - Quantity .....                | 2,781            | 583                        | 3,364       | 53                                | -                            | 632                | 7                 | 692       | 4,056       |
| Cost .....                                | 28,189           | 4,734                      | 32,923      | 795                               | -                            | 2,213              | 70                | 3,078     | 36,001      |
| Other oil - Quantity .....                | -                | 4,167                      | 4,167       | 1,593                             | 6,367                        | 360                | 1,889             | 10,209    | 10,376      |
| Cost .....                                | -                | 3,840                      | 3,840       | 1,991                             | 7,959                        | 288                | 2,262             | 12,500    | 16,340      |
| Average number of employees:              |                  |                            |             |                                   |                              |                    |                   |           |             |
| Pilots and co-pilots .....                | 663              | 224                        | 887         | 60                                | 90                           | 29                 | 55                | 234       | 1,121       |
| Other flight personnel .....              | 839              | 286                        | 1,125       | 19                                | 50                           | 17                 | 25                | 111       | 1,236       |
| General management .....                  | 67               | 109                        | 176         | 8                                 | 58                           | 50                 | 22                | 138       | 314         |
| Maintenance labour .....                  | 2,701            | 541                        | 3,242       | 210                               | 203                          | 73                 | 101               | 587       | 3,829       |
| Aircraft and traffic servicing .....      | 4,177            | 929                        | 5,106       | 122                               | 105                          | 118                | 57                | 402       | 5,508       |
| Other personnel .....                     | 3,956            | 718                        | 4,674       | 42                                | 23                           | 9                  | 57                | 131       | 4,805       |
| Total employees .....                     | 12,403           | 2,807                      | 15,210      | 461                               | 529                          | 296                | 317               | 1,603     | 16,813      |
| Salaries and wages:                       |                  |                            |             |                                   |                              |                    |                   |           |             |
| Pilots and co-pilots .....                | 888,024          | 287,475                    | 1,175,499   | 46,134                            | 97,077                       | 24,955             | 44,663            | 212,829   | 1,388,328   |
| Other flight personnel .....              | 408,077          | 160,081                    | 568,158     | 5,323                             | 27,218                       | 5,623              | 5,885             | 44,049    | 612,207     |
| General management .....                  | 122,410          | 99,293                     | 221,703     | 816                               | 30,856                       | 21,951             | 15,183            | 68,806    | 290,509     |
| Maintenance labour .....                  | 1,569,012        | 259,827                    | 1,828,839   | 89,656                            | 112,607                      | 39,503             | 48,002            | 289,768   | 2,118,607   |
| Aircraft and traffic servicing .....      | 2,170,816        | 414,818                    | 2,585,634   | 43,101                            | 70,620                       | 44,711             | 26,339            | 184,771   | 2,770,405   |
| Other personnel .....                     | 2,159,989        | 300,226                    | 2,460,215   | 14,975                            | 5,012                        | 5,921              | 12,569            | 38,477    | 2,498,692   |
| Total salaries and wages .....            | 7,318,328        | 1,521,720                  | 8,840,048   | 200,005                           | 343,390                      | 142,664            | 152,641           | 838,700   | 9,678,748   |

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Excludes Air Canada.

(3) Standard passenger weight used: 200 pounds.

(4) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(5) These data exclude non-transportation services, except for hours flown.



TABLE 5. Revenue Interline Traffic(1), Canadian Scheduled Carriers - All Services, by Company

September 1965

|                                | Air<br>Canada | Canadian<br>Pacific<br>Air Lines | Eastern<br>Provincial<br>Airways<br>(1963) | Pacific<br>Western<br>Airlines | Quebecair<br>Inc. | Transair<br>Ltd. | Total      |
|--------------------------------|---------------|----------------------------------|--|--------------------------------|-------------------|------------------|------------|
| <b>Passengers carried:</b>     |               |                                  |  |                                |                   |                  |            |
| Originated .....               | 361,531       | 45,431                           | 5,066                                      | 20,902                         | 9,739             | 5,254            | 447,923    |
| Domestic interline .....       |               | 4,586                            | 1,728                                      | -                              | -                 | -                | 99,086     |
| Foreign interline .....        | 87,205        | 5,567                            | -  | -                              | -                 | -                |            |
| Totals(2) .....                | 448,736       | 55,584                           | 6,794                                      | 20,902                         | 9,739             | 5,254            | 547,009    |
| <b>Express carried:</b>        |               |                                  |  |                                |                   |                  |            |
| Originated .....               | 1,289,098     | 133,876                          | 22,437                                     | 53,929                         | -                 | 15,637           | 1,514,977  |
| Domestic interline .....       | -             | -                                | -  | -                              | -                 | -                | -          |
| Foreign interline .....        | -             | -                                | -  | -                              | -                 | -                | -          |
| Totals(2) .....                | 1,289,098     | 133,876                          | 22,437                                     | 53,929                         | -                 | 15,637           | 1,514,977  |
| <b>Freight carried:</b>        |               |                                  |  |                                |                   |                  |            |
| Originated .....               | 7,871,557     | 930,250                          | 469,542                                    | 681,236                        | 183,871           | 53,835           | 10,190,291 |
| Domestic interline .....       | -             | 14,787                           | -  | -                              | -                 | -                | 14,787     |
| Foreign interline .....        | -             | 44,781                           | -  | -                              | -                 | -                | 44,781     |
| Totals(2) .....                | 7,871,557     | 989,818                          | 469,542                                    | 681,236                        | 183,871           | 53,835           | 10,249,859 |
| <b>Excess baggage carried:</b> |               |                                  |  |                                |                   |                  |            |
| Originated .....               | ..            | 73,745                           | 12,822                                     | 37,237                         | 34,553            | 5,185            | 163,542(3) |
| Domestic interline .....       | ..            | -                                | -  | -                              | -                 | -                | -          |
| Foreign interline .....        | ..            | -                                | -  | -                              | -                 | -                | -          |
| Totals(2) .....                | ..            | 73,745                           | 12,822                                     | 37,237                         | 34,553            | 5,185            | 163,542(3) |
| <b>Mail carried:</b>           |               |                                  |  |                                |                   |                  |            |
| Originated .....               | 3,119,262     | 242,225                          | 144,387                                    | 158,854                        | 38,470            | 28,200           | 3,731,398  |
| Domestic interline .....       | -             | -                                | -  | -                              | -                 | -                | -          |
| Foreign interline .....        | -             | -                                | -  | -                              | -                 | -                | -          |
| Totals(2) .....                | 3,119,262     | 242,225                          | 144,387                                    | 158,854                        | 38,470            | 28,200           | 3,731,398  |

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Board.

(2) Excludes division interline.

(3) Excludes Air Canada.



TABLE 6. Operating Statistics, Canadian International Carriers - All Revenue Services, by area of Service  
September 1965

| Unit toll:   | Trans-<br>Border<br>Services | Trans-<br>Atlantic<br>and Polar<br>Services | Southern<br>Services | Pacific<br>and<br>Orient<br>Services | Total<br>International<br>Services | Domestic<br>Services | Grand<br>total |
|--|------------------------------|---|----------------------|--------------------------------------|------------------------------------|----------------------|----------------|
| Departures .....   | 2,180                        | 635   | 375                  | 103                                  | 3,293                              | 11,616               | 14,909         |
| Hours flown .....  | 3,228                        | 2,679                                       | 1,060                | 643                                  | 7,610                              | 14,085               | 21,695         |
| Miles scheduled .....                                    | 712,375                      | 1,273,433                                   | 393,842              | 300,290                              | 2,679,940                          | 3,704,242            | 6,384,182      |
| Miles flown:   |                              |   |                      |                                      |                                    |                      |                |
| Scheduled - Regular .....                                | 698,417                      | 1,267,815                                   | 393,694              | 300,231                              | 2,660,157                          | 3,655,035            | 6,315,192      |
| Extra sections .....                                     | 22,601                       | 15,833                                      | 4,536                | -                                    | 42,970                             | 215,563              | 258,533        |
| Non-scheduled .....                                      | 721,018                      | 1,283,648                                   | 398,230              | 300,231                              | 2,703,127                          | 3,870,598            | 6,573,725      |
| Totals .....   |                              |   |                      |                                      |                                    |                      |                |
| Ratio of regular miles flown to miles<br>scheduled ..... | 98.0                         | 99.6  | 99.9                 | 100.0                                | 99.3                               | 98.7                 | 98.9           |
| Passengers carried .....                                 | No.                          |   |                      |                                      |                                    |                      |                |
| Cargo carried .....                                      | lb.                          |   |                      |                                      |                                    |                      |                |
| Mail carried .....                                       |                              |   |                      |                                      |                                    |                      |                |
| Passenger-miles .....                                    | No.                          |   |                      |                                      |                                    |                      |                |
| Available seat-miles on scheduled services               | 41,935,087                   | 117,673,431                                 | 24,640,269           | 24,711,352                           | 208,960,139                        | 247,513,716          | 456,473,855    |
| Passenger load factor on scheduled services              | 58,442,347                   | 168,782,520                                 | 48,508,067           | 36,875,724                           | 312,608,658                        | 351,118,081          | 663,726,739    |
| Weight load factor on scheduled services                 | 71.8                         | 69.7  | 50.8                 | 67.0                                 | 66.8                               | 70.5                 | 68.8           |
| Goods ton-miles:   |                              |   |                      |                                      |                                    |                      |                |
| Express .....  | 65,902                       |   |                      |                                      | 65,902                             | 517,565              | 583,467        |
| Freight .....  | 394,453                      | 1,686,992                                   | 435,393              | 476,794                              | 2,993,632                          | 3,572,355            | 6,565,987      |
| Excess baggage .....                                     | 15,259                       | 87,799                                      | 45,444               | 28,290                               | 176,792                            | 112,949              | 289,741        |
| Mail .....   | 41,144                       | 260,668                                     | 61,837               | 115,203                              | 478,852                            | 1,142,788            | 1,621,640      |
| Totals .....   | 516,758                      | 2,035,459                                   | 542,674              | 620,287                              | 3,715,178                          | 5,345,657            | 9,060,835      |
| Available ton-miles on scheduled service ....            | 7,996,070                    | 24,295,630                                  | 6,081,337            | 5,061,800                            | 43,434,837                         | 52,331,880           | 95,766,717     |
| Weight load factor on scheduled services(1)              | 58.9                         | 56.8  | 49.4                 | 61.1                                 | 56.7                               | 57.5                 | 57.1           |
| Bulk:  |                              |   |                      |                                      |                                    |                      |                |
| Departures .....   | 122                          | 306   | -                    | 2                                    | 430                                | ...                  | ...            |
| Hours flown .....  | 208                          | 1,704                                       | -                    | 10                                   | 1,922                              | ...                  | ...            |
| Miles flown .....  | 46,253                       | 598,504                                     | -                    | 4,934                                | 649,691                            | ...                  | ...            |
| Passengers carried .....                                 | 1,152                        | 14,488                                      | -                    | 129                                  | 15,769                             | ...                  | ...            |
| Goods carried .....                                      | -                            | -   | -                    | -                                    | -                                  | ...                  | ...            |
| Passenger-miles(2) .....                                 | 1,255,028                    | 53,560,609                                  | -                    | 567,987                              | 55,383,624                         | ...                  | ...            |
| Goods ton-miles(2) .....                                 | -                            | -   | -                    | -                                    | -                                  | ...                  | ...            |
| Total:   |                              |   |                      |                                      |                                    |                      |                |
| Departures .....   | 2,302                        | 941   | 375                  | 105                                  | 3,723                              | ...                  | ...            |
| Hours flown .....  | 3,436                        | 4,383                                       | 1,060                | 653                                  | 9,532                              | ...                  | ...            |
| Miles flown .....  | 767,271                      | 1,882,152                                   | 398,230              | 305,165                              | 3,352,818                          | ...                  | ...            |
| Passengers carried .....                                 | ...                          | ...   | ...                  | ...                                  | 4,181,005                          | ...                  | ...            |
| Goods carried .....                                      | ...                          | ...   | ...                  | ...                                  | 4,237,595                          | ...                  | ...            |
| Passenger-miles(2) .....                                 | 43,190,115                   | 171,234,040                                 | 24,640,269           | 25,279,339                           | 264,343,763                        | ...                  | ...            |
| Goods ton-miles(2) .....                                 | 516,758                      | 2,035,459                                   | 542,674              | 620,287                              | 3,715,178                          | ...                  | ...            |

(1) Standard passenger weight used: 200 pounds.  
(2) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

TABLE 7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)

September 1965

|  | United States              |                 |           | Europe                    |                 |           |
|--|----------------------------|-----------------|-----------|---------------------------|-----------------|-----------|
|  | To                         | From            | Total     | To                        | From            | Total     |
| Passengers carried:                          |                            |                 |           |                           |                 |           |
| Unit toll ..... No.                          | 106,514                    | 104,426         | 210,940   | 27,281                    | 38,363          | 65,644    |
| Bulk ..... "                                 | 815                        | 634             | 1,449     | 7,605                     | 9,762           | 17,367    |
| Totals ..... "                               | 107,329                    | 105,060         | 212,389   | 34,886                    | 48,125          | 83,011    |
| Freight, express and excess baggage carried: |                            |                 |           |                           |                 |           |
| Unit toll ..... lb.                          | 687,148                    | 2,881,158       | 3,568,306 | 782,694                   | 2,306,159       | 3,088,853 |
| Bulk ..... "                                 | -                          | -               | -         | -                         | -               | -         |
| Totals ..... "                               | 687,148                    | 2,881,158       | 3,568,306 | 782,694                   | 2,306,159       | 3,088,853 |
| Mail carried (unit toll) ..... "             | 146,728                    | 244,817         | 391,545   | 126,142                   | 162,216         | 288,358   |
|  | All other areas            |                 |           | Totals                    |                 |           |
|  | To                         | From            | Total     | To                        | From            | Total     |
| Passengers carried:                          |                            |                 |           |                           |                 |           |
| Unit toll ..... No.                          | 5,566                      | 7,222           | 12,788    | 139,361                   | 150,011         | 289,372   |
| Bulk ..... "                                 | 129                        | -               | 129       | 8,549                     | 10,396          | 18,945    |
| Totals ..... "                               | 5,695                      | 7,222           | 12,917    | 147,910                   | 160,407         | 308,317   |
| Freight, express and excess baggage carried: |                            |                 |           |                           |                 |           |
| Unit toll ..... lb.                          | 233,234                    | 181,972         | 415,206   | 1,703,076                 | 5,369,289       | 7,072,365 |
| Bulk ..... "                                 | -                          | -               | -         | -                         | -               | -         |
| Totals ..... "                               | 233,234                    | 181,972         | 415,206   | 1,703,076                 | 5,369,289       | 7,072,365 |
| Mail carried (unit toll) ..... "             | 23,769                     | 24,812          | 48,581    | 296,639                   | 431,845         | 728,484   |
|  | Total by Canadian carriers |                 |           | Total by Foreign carriers |                 |           |
|  | Leaving Canada             | Entering Canada | Total     | Leaving Canada            | Entering Canada | Total     |
| Passengers carried:                          |                            |                 |           |                           |                 |           |
| Unit toll ..... No.                          | 80,255                     | 84,981          | 165,236   | 59,106                    | 65,030          | 124,136   |
| Bulk ..... "                                 | 5,463                      | 7,029           | 12,492    | 3,086                     | 3,367           | 6,453     |
| Totals ..... "                               | 85,718                     | 92,010          | 177,728   | 62,192                    | 68,397          | 130,589   |
| Freight, express and excess baggage carried: |                            |                 |           |                           |                 |           |
| Unit toll ..... lb.                          | 967,044                    | 2,852,654       | 3,819,698 | 736,032                   | 2,516,635       | 3,252,667 |
| Bulk ..... "                                 | -                          | -               | -         | -                         | -               | -         |
| Totals ..... "                               | 967,044                    | 2,852,654       | 3,819,698 | 736,032                   | 2,516,635       | 3,252,667 |
| Mail carried (unit toll) ..... "             | 197,477                    | 224,651         | 422,128   | 99,162                    | 207,194         | 306,356   |

(1) Passengers and goods in transit through Canada are excluded.

TABLE 8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service  
September 1965

| Type of service:                     | Fixed wing aircraft |                |               |                | Helicopters   |                |               |                |
|--------------------------------------|---------------------|----------------|---------------|----------------|---------------|----------------|---------------|----------------|
|                                      | Month               |                | Year to date  |                | Month         |                | Year to date  |                |
|                                      | Revenue hours       | Revenue earned | Revenue hours | Revenue earned | Revenue hours | Revenue earned | Revenue hours | Revenue earned |
|                                      | No.                 | \$             | No.           | \$             | No.           | \$             | No.           | \$             |
| Aerial advertising .....             | 4                   | 375            | 23            | 2,584          | 66            | 3,600          | 674           | 62,877         |
| Aerial fish cultivation .....        | -                   | -              | 31            | 1,728          | -             | -              | -             | -              |
| Aerial patrol and inspection .....   | 697                 | 100,571        | 9,389         | 1,110,710      | 625           | 106,338        | 7,178         | 1,000,995      |
| Aerial pest control .....            | 2                   | 202            | 2,878         | 551,792        | 15            | 1,640          | 20            | 6,190          |
| Aerial photography and survey .....  | 856                 | 151,744        | 5,696         | 839,255        | 140           | 30,042         | 1,458         | 153,588        |
| Aerial photography (excl. survey) .. | 43                  | 1,021          | 757           | 28,748         | 215           | 25,130         | 703           | 55,246         |
| Aircraft rental .....                | 157                 | 2,888          | 717           | 12,837         | -             | -              | -             | -              |
| Flying training .....                | 4,207               | 73,903         | 42,360        | 710,344        | -             | -              | 563           | 33,942         |
| Geophysical survey .....             | 523                 | 74,506         | 7,282         | 634,921        | 717           | 113,563        | 4,809         | 544,881        |
| Non-transportation charter .....     | 62                  | 7,982          | 662           | 193,049        | -             | -              | -             | -              |
| Philanthropic .....                  | -                   | -              | -             | -              | -             | -              | -             | -              |
| Recreational flying .....            | 884                 | 19,579         | 11,736        | 249,564        | 152           | 10,359         | 885           | 65,487         |
| Specialty flying - Other .....       | 651                 | 1,753          | 673           | 3,286          | 3             | 439            | 604           | 46,184         |
| Totals .....                         | 8,086               | 434,524        | 82,204        | 4,338,818      | 1,933         | 291,111        | 16,894        | 1,969,390      |

TABLE 9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV  
September 1965

|                                       | Carriers operating helicopters only |              | Carriers operating both helicopters and fixed wing aircraft |              | Total   |              |
|---------------------------------------|-------------------------------------|--------------|---|--------------|---------|--------------|
|                                       | Month                               | Year to date | Month   | Year to date | Month   | Year to date |
| Carriers reporting .....              | No.                                 | 16           | ...   | 8            | 24      | ...          |
| Helicopters - Owned .....             | "                                   | 166          | 152   | 28           | 194     | 174          |
| Leased .....                          | "                                   | 34           | 23  | 6            | 40      | 26           |
| Totals .....                          | "                                   | 200          | 175   | 34           | 234     | 200          |
| Revenue hours flown - Unit toll ..... | "                                   | 2            | 194   | -            | 2       | 194          |
| Bulk .....                            | "                                   | 9,657        | 65,748  | 350          | 3,384   | 69,132       |
| Specialty .....                       | "                                   | 1,040        | 9,199   | 893          | 7,482   | 16,681       |
| Totals .....                          | "                                   | 10,699       | 75,141  | 1,243        | 11,942  | 86,007       |
| Non-revenue hours flown .....         | "                                   | 502          | 4,249   | 111          | 434     | 4,683        |
| Fuel and oil consumed:                |                                     |              |   |              |         |              |
| Gasoline .....                        | gal.                                | 186,457      | 1,300,870   | 13,734       | 113,374 | 200,191      |
| Cost .....                            | \$                                  | 85,321       | 605,373   | 6,290        | 61,747  | 1,414,244    |
| Oil .....                             | gal.                                | 3,457        | 22,139  | 407          | 91,611  | 667,120      |
| Cost .....                            | \$                                  | 5,166        | 38,299  | 572          | 1,839   | 23,978       |
|                                       |                                     |              |   |              | 2,749   | 41,048       |
| Average number of employees:          |                                     |              |   |              |         |              |
| Pilots .....                          | No.                                 | 208          | 176   | 15           | 223     | 189          |
| Administrative .....                  | "                                   | 68           | 56  | 2            | 70      | 57           |
| Maintenance labour .....              | "                                   | 169          | 158   | 9            | 178     | 166          |
| Other personnel .....                 | "                                   | 12           | 9   | -            | 12      | 9            |
| Totals .....                          | "                                   | 457          | 399   | 26           | 483     | 421          |
| Salaries and wages:                   |                                     |              |   |              |         |              |
| Pilots .....                          | \$                                  | 187,578      | 1,265,458   | 12,249       | 95,526  | 1,360,984    |
| Administrative .....                  | \$                                  | 36,553       | 330,375   | 1,500        | 10,300  | 340,675      |
| Maintenance labour .....              | \$                                  | 91,696       | 749,061   | 7,503        | 44,850  | 793,911      |
| Other personnel .....                 | \$                                  | 3,974        | 23,300  | -            | -       | 23,300       |
| Totals .....                          | \$                                  | 319,801      | 2,368,194   | 21,252       | 150,676 | 2,518,870    |

TABLE 10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV  
September 1965

|  | Current month | Year to date |
|--|---------------|--------------|
|  | dollars       |              |
| Operating revenues:                      |               |              |
| Unit toll transportation:                |               |              |
| Passengers .....                         | -             | -            |
| Express .....                            | -             | -            |
| Freight .....                            | -             | -            |
| Excess baggage .....                     | -             | -            |
| Mail .....                               | -             | -            |
| Total unit toll transportation .....     | -             | -            |
| Bulk transportation .....                | 1,181,519     | 7,766,357    |
| Total transportation .....               | 1,181,519     | 7,766,357    |
| Other flying services .....              | 146,934       | 981,788      |
| Total flying services .....              | 1,328,453     | 8,748,145    |
| Non-flying services .....                | 89,691        | 174,050      |
| Total operating revenues .....           | 1,418,144     | 8,922,195    |
| Operating expenses:                      |               |              |
| Flying operations .....                  | 586,117       | 3,132,805    |
| Maintenance .....                        | 351,400       | 2,428,143    |
| General service and administration ..... | 141,702       | 787,415      |
| Depreciation and amortization .....      | 295,810       | 946,886      |
| Total operating expenses .....           | 1,375,029     | 7,295,249    |
| Operating income (deficit) .....         | 43,115        | 1,626,946    |
| Non-operating income:                    |               |              |
| Capital gains and losses .....           | 9,045         | 87,524       |
| Interest and discounts .....             | 4,140         | 3,859        |
| Miscellaneous non-operating income ..... | 885           | 20,738       |
| Income before interest expense .....     | 48,905        | 1,739,067    |
| Interest expense .....                   | 11,760        | 176,925      |
| Income before income taxes .....         | 37,145        | 1,562,142    |
| Provision for income taxes .....         | 19,816        | 139,914      |
| Net income after income taxes .....      | 17,329        | 1,422,228    |

TABLE 11. Operating Statistics, Canadian Group V Carriers  
September 1965

|   | Quarter    | Year to date |
|---|------------|--------------|
| Reporting carriers .....                | 287        | ...          |
| Transportation:                         |            |              |
| Hours flown .....                       | 45,977     | 89,206       |
| Passengers carried .....                | 92,855     | 181,114      |
| Goods carried .....                     | 11,647,615 | 20,296,452   |
| Specialty flying services:              |            |              |
| Aerial advertising .....                | 322        | 642          |
| Aerial fish cultivation .....           | 8          | 60           |
| Aerial patrol and inspection .....      | 5,799      | 8,861        |
| Aerial pest control .....               | 3,841      | 8,884        |
| Aerial photography and survey .....     | 740        | 903          |
| Aerial photography (excl. survey) ..... | 36         | 158          |
| Aircraft rental .....                   | 6,677      | 16,157       |
| Flying training .....                   | 40,926     | 90,459       |
| Geophysical survey .....                | -          | 206          |
| Non-transportation charter .....        | 661        | 1,143        |
| Philanthropic .....                     | -          | -            |
| Recreational flying .....               | 8,440      | 18,848       |
| Specialty flying - Other .....          | 1,511      | 2,064        |
| Totals .....                            | 68,961     | 148,385      |
| Total - All services:                   |            |              |
| Revenue hours flown .....               | 114,938    | 237,591      |
| Non-revenue hours flown .....           | 5,082      | 11,563       |

CIVIL AVIATION DEFINITIONS(1)

|   |   |
|---|---|
| Bulk Transportation:                          | (1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4); and<br><br>(2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).                     |
| Classification of Canadian Carriers by Groups |   |
| Group I Carriers:                             | Canadian Air Carriers licensed to perform both domestic and international scheduled services. (Air Canada and Canadian Pacific Air Lines Ltd.).   |
| Group II Carriers:                            | Canadian Air Carriers other than Group I carriers licensed to perform domestic scheduled services and Nordair Ltd.(2).  |
| Group III Carriers:                           | Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$500,000 or over (excepting air carriers included in Group I and II).  |
| Group IV Carriers:                            | Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$100,000 and over, but less than \$500,000.  |
| Group V Carriers:                             | Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of less than \$100,000.  |
| <u>Cargo:</u>                                 | Air freight and air express (excluding mail and excess baggage).  |
| <u>Carrier, Air:</u>                          | Any person who operates aircraft in or over Canada for hire or reward.  |
| Non-Scheduled Carriers:                       | Carriers not operating any scheduled (Class I) service.   |
| Scheduled Carriers:                           | Air Carriers serving designated points in accordance with a service schedule and at a toll per unit.  |
| <u>Express, Air:</u>                          | It is a package service operated within the U.S.A. and Canada only; the rates cover door-to-door service. Because Air Express shipments are carried on all flights and take priority over Air Freight and because Express shipments receive priority on the ground too, they take higher rates. |

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- (1) Reference to Classes refers to the classification of air carriers as defined by the Air Transport Board and published in the "Directory of Canadian Commercial Air Services" Queen's Printer, Ottawa.
- (2) For statistical purposes in this report, Nordair Ltd. is included with Group III carriers.



Freedoms of the Air:

- First Freedom: The privilege to fly over the territory of a foreign country without landing.
- Second Freedom: The privilege to land on the territory of a foreign country for non-traffic purposes.
- Third Freedom: The privilege to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
- Fourth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
- Fifth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the privilege to put down in a foreign country, passengers, mail and cargo coming from any such territory.

Freight, Air:

Articles carried on regular flights at standard per pound rates when space is available.

Goods:

Air Cargo (freight and express) plus mail and excess baggage.

Interline Traffic:

- Domestic Interline: Passengers and goods received by a carrier at Canadian points from other Canadian Air Carriers.
- Foreign Interline: Passengers and goods received by a carrier from Foreign Air Carriers.
- Divisional Interline: Passengers and goods received from other operating divisions of the same carrier.

International Services:

- Trans-Border Services: Services between Canada and the United States.
- Southern Services: Services between Canada and Bermuda, the Caribbean, Mexico, Central or South America.
- Trans-Atlantic and Polar Services: Services between Canada and Europe.
- Pacific and Orient Services: Services between Canada and points in the Pacific Ocean or the Orient.

Load Capacity Available:

Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, stewards' supplies, etc.



|                                   |  |
|-----------------------------------|--|
| <u>Load Factor, Passenger:</u>    | Ratio of revenue passenger-miles performed to available seat-miles.  |
| <u>Load Factor, Weight:</u>       | - See Weight, Load-Factor.   |
| <u>Miles:</u>                     | Statute miles of 5,280 ft.   |
| <u>Passenger:</u>                 | A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger. A round trip passenger is counted as two passengers.   |
| Passenger Load-Factor:            | - See Load Factor, Passenger.  |
| Passenger-Mile:                   | The transportation of one passenger one mile.  |
| Non-Revenue Passenger:            | A child or adult carried on a revenue transportation flight for whom no fare is collected, including company personnel.  |
| Revenue Passenger:                | A child or adult for which a fare or part of a fare is paid.   |
| <u>Seat-Miles Available:</u>      | Seats available for the transportation of passengers multiplied by the miles flown on each inter-station flight.   |
| <u>Specialty Flying Services:</u> | Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising.   |
| <u>Tons:</u>                      | Short tons of 2,000 lbs.   |
| <u>Ton-Mile:</u>                  | The transportation of one ton of goods one mile.   |
| <u>Ton-Miles Available:</u>       | Available load capacity multiplied by miles flown on each inter-station flight.  |
| <u>Unit Toll Transportation:</u>  | Public transportation of passengers and goods at a toll per unit. It includes: <ul style="list-style-type: none"><li>(i) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class I); and</li><li>(ii) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3).</li></ul> |
| <u>Weight Load Factor:</u>        | Ratio of revenue ton-miles performed to available ton-miles.   |





CATALOGUE No.

51-001

MONTHLY

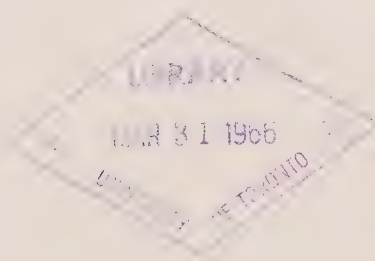
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Canada. Statistics, Bureau of

# CIVIL AVIATION

(OCTOBER 1965)



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CATALOGUE NO.

51-001

MONTHLY

Canadian Statistical Abstract  
Civil Aviation

October 1965

ERRATA

Page 18, Table 8:

Columns 3 and 4 "Year to Date" should read:

|   | No.    | \$        |
|---|--------|-----------|
| Type of service:                        |        |           |
| Aerial advertising .....                | 25     | 2,774     |
| Aerial fish cultivation .....           | 34     | 2,133     |
| Aerial patrol and inspection .....      | 10,587 | 1,257,623 |
| Aerial pest control .....               | 2,979  | 571,254   |
| Aerial photography and survey .....     | 6,271  | 972,581   |
| Aerial photography (excl. survey) ..... | 902    | 37,208    |
| Aircraft rental .....                   | 873    | 15,495    |
| Flying training .....                   | 49,313 | 839,107   |
| Geophysical survey .....                | 7,649  | 713,351   |
| Non-transportation charter .....        | 688    | 197,618   |
| Philanthropic .....                     | -      | -         |
| Recreational flying .....               | 13,575 | 293,410   |
| Specialty flying - Other .....          | 673    | 3,286     |
| Totals .....                            | 93,569 | 4,905,840 |





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## SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures are not available.
- ... Figures not appropriate or not applicable.
- Nil or zero.

## INTRODUCTION

"Civil Aviation" reports are prepared from monthly and quarterly schedules filed with the Air Transport Board and the Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly returns filed with the Dominion Bureau of Statistics by foreign air carriers operating in Canada.

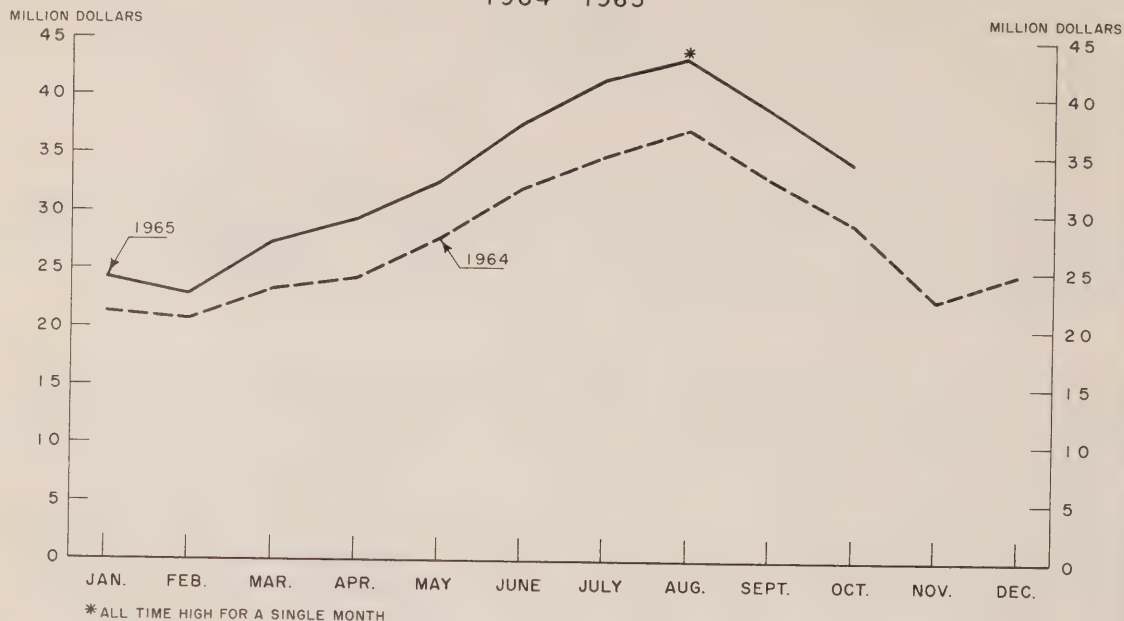
For reporting purposes, Canadian air carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. These groups are described on page twenty of this publication along with other definitions. It should be noted that the definition of each of the five groups was revised as of 1st January 1964. In January 1965, 3 former Group IV carriers were promoted to Group III, 1 Group III carrier was transferred to Group IV and 7 Group V carriers were transferred to Group IV. It should also be noted that Nordair Ltd., classified as a Group II carrier by the Air Transport Board, is included with Group III carriers for statistical purposes. Group V is comprised of small air carriers required to file returns on a quarterly basis only. Data on their operations are excluded from the other carrier statistics appearing throughout the report.

Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. A complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

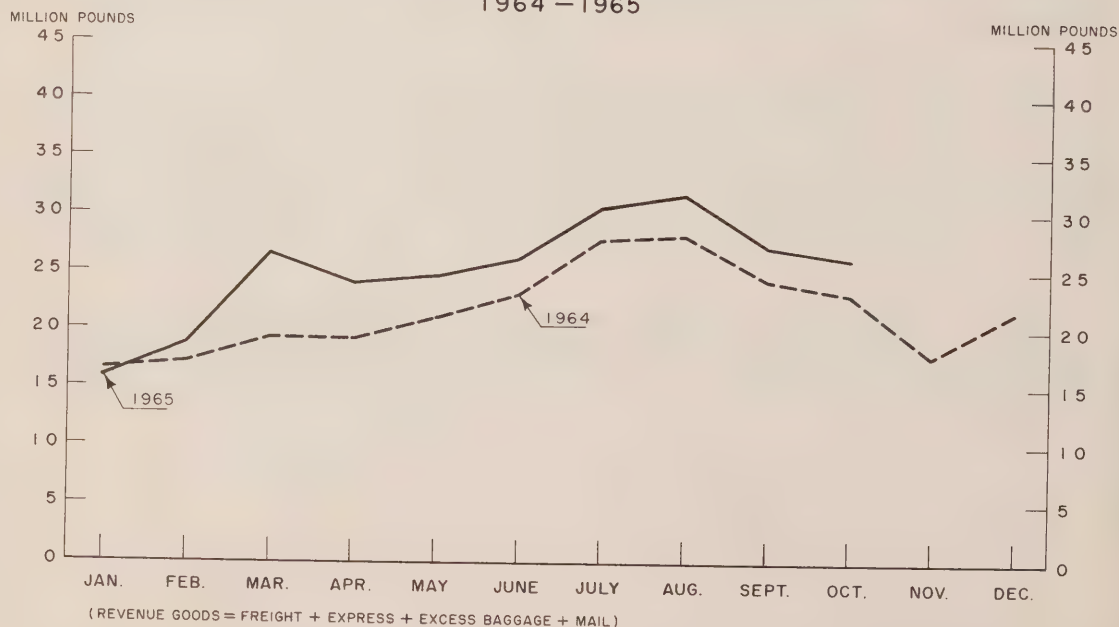
Domestic and international operations of Canadian carriers are combined in all tables except Table 6 which provides a breakdown of domestic and international operations for Canadian carriers operating international unit toll and bulk services. It should be noted that there are only two Canadian carriers which operate international services on a unit toll basis; however there are other Canadian carriers, in addition to these two carriers, which operate international flights on a bulk or charter basis.

Table 7 provides data on traffic leaving and entering Canada on an area of service basis. Passengers, cargo and mail in transit through Canada are excluded. The table contains the operations of both Canadian and Foreign carriers with separate totals for each.

# OPERATING REVENUE OF CANADIAN AIR CARRIERS 1964 - 1965



# REVENUE GOODS CARRIED BY CANADIAN AIR CARRIERS 1964 - 1965



## REVIEW OF OCTOBER OPERATIONS

(October 1964 figures in brackets)

Increases were reported in the transportation of both revenue passengers and revenue goods by Canadian air carriers during the month of October compared with October 1964. The number of passengers carried totalled 582,603 (515,597) an increase of 13.0 per cent. The weight of goods transported rose to 13,007 (11,546) tons an increase of 12.6 per cent. Revenue miles flown increased 18.1 per cent to 9,998,964 (8,465,920).

Unit toll and bulk transportation services performed by Canadian carriers accounted for a total of 448,776 743 (377,012,740) passenger-miles and 11,719,385 (9,663,165) goods ton-miles. Unit toll services made up 92.0 per cent of the total passenger-miles and 90.2 per cent of the total goods ton-miles.

October operating revenues showed an 18.2 per cent increase over October 1964 to \$34,313,863 (\$29,033,158) while operating expenses rose 20.2 per cent to \$32,544,419 (\$27,067,851) resulting in an operating income of \$1,769,444 (\$1,965 307) and an income after taxes of \$1,102,260 (\$1,174,709).

Sixteen (13) carriers who operated helicopters exclusively reported a total of 6,255 (5,087) hours flown by 187 (148) machines. Nine (7) carriers operating both fixed-wing craft and helicopters reported a total of 995 (338) helicopter-hours flown by 32 (16) machines. Operating revenues by helicopter-only carriers for the month of October amounted to \$873,461 (\$704,179) while operating expenses totalled \$853,444 (\$597,191).

During October the six scheduled carriers transported 534,254 (473,011) revenue passengers and 9,232 (7,772) tons of revenue goods which amounted to 91.7 per cent of the total number of passengers and 71.0 per cent of the total weight of goods carried by all Canadian carriers. Operating revenues of scheduled carriers amounted to \$30,822,736 (\$26,363,593) or 89.8 per cent of all Canadian carrier revenues. Operating expenses of scheduled carriers amounted to \$29,119,950 (\$24,359,470) or 89.5 per cent of all Canadian air carrier expenses.

Revenue passenger-miles performed by Canadian carriers in international unit toll service in October amounted to 181,853,223 (149,443,305) or 44.0 per cent of the total unit toll passenger-miles performed by Canadian carriers. International services performed by Canadian carriers calculated according to passenger-miles travelled were divided by area as follows:

| <u>Area</u>                    | <u>Percentage</u> |
|--------------------------------|-------------------|
| Trans-Border .....             | 21.9              |
| Trans-Atlantic and Polar ..... | 50.9              |
| Southern .....                 | 14.5              |
| Pacific and Orient .....       | 12.7              |
| Total .....                    | 100.0             |

### Foreign Carriers

Foreign carriers licensed to operate in Canada transported 110,962 (89,463) revenue passengers during October. an increase of 24.0 per cent over October 1964. Weight of revenue goods carried totalled 2,023 (1,548) tons, an increase of 30.7 per cent over the same period in 1964. It should be noted that foreign carriers report hours and miles flown over Canadian territory only and that Statistics concerning passengers and goods in transit have been excluded.

### Cumulative Figures for the Year to Date (Canadian carriers)

Compared with the same period in 1964 the first ten months of 1965 showed an increase of 13.1 per cent to 5,545,295 (4,901,174) in the number of revenue passengers carried while the weight of revenue goods carried rose 13.1 per cent to 124,421 (110,050) tons. Passenger-miles performed by Canadian carriers totalled 4,454,119,204 (3,779,169,217) while goods ton miles totalled 101,669,482 (86,985,777) for the first ten months of the year. Operating revenues increased 18.0 per cent to \$335,311,563 (\$284,070,630) while operating expenses increased 17.0 per cent to \$304,058,732 (\$259,804,474).



TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

October 1965

|                                      | Canadian carriers  |              |                        |           |  | Foreign carriers(2)     |                        |                           | Grand total all carriers | Year to date |               |
|--------------------------------------|--------------------|--------------|------------------------|-----------|--|-------------------------|------------------------|---------------------------|--------------------------|--------------|---------------|
|                                      | Scheduled carriers |              | Non-scheduled carriers |           |  | Total Canadian carriers | United States carriers | Other Foreign carriers(3) |                          |              |               |
|                                      | Group I and II(1)  | Group III(1) | Group IV               | Total     |  |                         |                        |                           |                          |              |               |
| Number of carriers reporting ...     | 6                  | 18           | 54                     | 72        |  | 78                      | 10                     | 9                         |                          | 97           | ..            |
| Revenue transportation services:     |                    |              |                        |           |  |                         |                        |                           |                          |              |               |
| Unit toll:                           |                    |              |                        |           |  |                         |                        |                           |                          |              |               |
| Departures .....                     | 19,775             | 2,811        | 1,133                  | 3,944     |  | 23,719                  |                        |                           |                          |              |               |
| Hours flown .....                    | 26,461             | 2,711        | 566                    | 3,277     |  | 29,738                  | 318                    | 1,266                     |                          | 31,322       | 295,509       |
| Miles scheduled .....                | 6,804,555          | ...          | ...                    | ...       |  | 6,804,555               | 87,245                 | 573,886                   |                          | 7,465,686    | 69,693,617    |
| Miles flown(4)                       |                    |              |                        |           |  |                         |                        |                           |                          |              |               |
| Scheduled .....                      | 7,002,486          | ...          | ...                    | ...       |  | 7,002,486               | 85,755                 | 580,400                   |                          | 7,668,641    | 71,095,907    |
| Non-scheduled .....                  | 264,140            | 333,362      | 63,456                 | 396,818   |  | 660,958                 |                        |                           |                          | 660,958      | 6,734,345     |
| Totals .....                         | 7,266,626          | 333,362      | 63,456                 | 396,818   |  | 7,663,444               | 85,755                 | 580,400                   |                          | 8,329,599    | 77,830,252    |
| Passengers carried .....             | 520,418            | 9,857        | 3,522                  | 13,379    |  | 533,797                 | 79,819                 | 30,158                    |                          | 643,774      | 6,052,280     |
| Goods carried:                       |                    |              |                        |           |  |                         |                        |                           |                          |              |               |
| Cargo .....                          | 12,966,193         | 702,488      | 108,588                | 811,076   |  | 13,777,269              | 1,294,265              | 2,427,224                 |                          | 17,664,550   | 145,336,544   |
| Excess baggage .....                 | 125,007            | 32,090       | 8,695                  | 40,785    |  | 165,792                 |                        |                           |                          |              |               |
| Mail .....                           | 4,158,019          | 107,698      | 31,000                 | 138,698   |  | 4,296,717               | 175,383                | 149,463                   |                          | 4,621,563    | 43,662,142    |
| Totals .....                         | 17,249,219         | 842,276      | 148,283                | 990,559   |  | 18,239,778              | 1,469,648              | 2,576,687                 |                          | 22,286,113   | 188,998,686   |
| Passenger-miles .....                | 411,060,601        | 1,603,964    | 383,080                | 1,987,044 |  | 413,047,645             | 3,323,361              | 25,550,787                |                          | 441,921,793  | 4,337,806,115 |
| Goods ton-miles:                     |                    |              |                        |           |  |                         |                        |                           |                          |              |               |
| Cargo .....                          | 8,344,390          | 115,886      | 5,198                  | 121,084   |  | 8,465,474               |                        |                           |                          |              |               |
| Excess baggage .....                 | 234,785            | 3,244        | 334                    | 3,578     |  | 238,363                 | 28,633                 | 879,410                   |                          | 9,611,880    | 77,112,282    |
| Mail .....                           | 1,839,630          | 30,594       | 2,016                  | 32,610    |  | 1,872,240               | 3,664                  | 62,409                    |                          | 1,938,313    | 17,824,174    |
| Totals .....                         | 10,418,805         | 149,724      | 7,548                  | 157,272   |  | 10,576,077              | 32,297                 | 941,819                   |                          | 11,550,193   | 94,936,456    |
| Bulk:                                |                    |              |                        |           |  |                         |                        |                           |                          |              |               |
| Departures .....                     | 2,464              | 6,083        | 12,045                 | 18,128    |  | 20,592                  |                        |                           |                          |              |               |
| Hours flown .....                    | 3,363              | 7,777        | 12,131                 | 19,908    |  | 23,271                  |                        |                           |                          |              |               |
| Miles flown .....                    | 702,324            | 609,469      | 1,023,727              | 1,633,196 |  | 2,335,520               | 1,035                  | 49                        |                          | 23,327       | 288,828       |
| Passengers carried .....             | 13,836             | 13,471       | 21,499                 | 34,970    |  | 48,806                  | 313                    | 21,580                    |                          | 2,358,135    | 28,428,346    |
| Freight carried .....                | 1,215,696          | 3,572,150    | 2,985,568              | 6,557,718 |  | 7,773,414               |                        | 672                       |                          | 49,791       | 617,966       |
| Passenger-miles(6) .....             | 29,089,651         | 6,256,591    | 382,856                | 6,639,447 |  | 35,729,098              |                        |                           |                          | 7,773,414    | 101,397,111   |
| Goods ton-miles(6) .....             | 605,979            | 529,957      | 7,572                  | 537,329   |  | 1,143,308               |                        |                           |                          |              |               |
| Revenue non-transportation services: |                    |              |                        |           |  |                         |                        |                           |                          |              |               |
| Specialty flying - Hours flown "     | 234                | 2,878        | 6,947                  | 9,825     |  | 10,059                  |                        |                           |                          | 10,059       | 112,116       |
| footnotes at end of table.           |                    |              |                        |           |  |                         |                        |                           |                          |              |               |

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

October 1965

|                                    | Canadian carriers                        |                        |           |           |               |                        | Total Canadian carriers | Foreign carriers(2)       |             | Grand total all carriers | Year to date |
|------------------------------------|--|------------------------|-----------|-----------|---------------|------------------------|-------------------------|---------------------------|-------------|--------------------------|--------------|
|                                    | Scheduled carriers<br>Groups I and II(1) | Non-scheduled carriers |           |           | Total         | United States carriers |                         | Other Foreign carriers(3) |             |                          |              |
|                                    |  | Group III(1)           | Group IV  | Total     |               |                        |                         |                           |             |                          |              |
|                                    |  |                        |           |           |               |                        |                         |                           |             |                          |              |
| Total - All services:              |  |                        |           |           |               |                        |                         |                           |             |                          |              |
| Revenue:                           |  |                        |           |           |               |                        |                         |                           |             |                          |              |
| Traffic, miles and hours:(7)       |  |                        |           |           |               |                        |                         |                           |             |                          |              |
| Departures .....                   | 22,239                                   | 8,894                  | 13,178    | 22,072    | 44,311        | ..                     | ..                      | ..                        | ..          | 64,708                   | 696,453      |
| Hours flown .....                  | 30,058                                   | 13,366                 | 19,644    | 33,010    | 63,068        | 325                    | 1,315                   | 601,980                   | 10,687,734  | 106,258,598              |              |
| Miles flown .....                  | 7,968,950                                | 942,831                | 1,087,183 | 2,030,014 | 9,998,964     | 86,790                 | 80,132                  | 693,565                   | 6,670,246   | 6,670,246                |              |
| Passengers carried .....           | 534,254                                  | 23,328                 | 25,021    | 48,349    | 582,603       | 80,132                 | 30,830                  | 25,437,964(8)             | 30,059,527  | 290,395,797              |              |
| Cargo carried .....                | 14,181,889                               | 4,274,638              | 3,094,156 | 7,368,794 | 21,716,475(8) | 1,294,265(8)           | 2,427,224(8)            | 30,059,527                | 290,395,797 | 246,733,655(8)           |              |
| Goods carried .....                | 18,464,915                               | 4,413,426              | 3,133,851 | 7,548,277 | 26,013,192    | 1,469,648              | 2,576,687               | 30,059,527                | 290,395,797 | 246,733,655(8)           |              |
| Passenger-miles(6) .....           | 440,150,252                              | 7,860,555              | 765,936   | 8,626,491 | 448,776,743   | ..                     | ..                      | ..                        | ..          | ..                       |              |
| Goods ton-miles(6) .....           | 11,024,784                               | 679,681                | 14,920    | 694,601   | 11,719,385    | ..                     | ..                      | ..                        | ..          | ..                       |              |
| Non-revenue:                       |  |                        |           |           |               |                        |                         |                           |             |                          |              |
| Hours flown .....                  | 921                                      | 718                    | 886       | 1,604     | 2,525         | 1                      | 3                       | 2,529                     | 24,525      | 24,525                   |              |
| Passengers carried .....           | 3,162                                    | 164                    | 25        | 189       | 3,351         | 1,320                  | 750                     | 5,421                     | 48,744      | 48,744                   |              |
| Goods carried .....                | 280,371                                  | 37,470                 | 2,100     | 39,570    | 319,941       | 32,740                 | 123,808                 | 476,489                   | 3,591,530   | 3,591,530                |              |
| Passenger-miles .....              | 20,848,599                               | 195,493                | 287       | 195,780   | 21,044,379    | 56,187                 | 554,624                 | 21,655,190                | 192,102,141 | 192,102,141              |              |
| Goods ton-miles .....              | 658,481                                  | 23,437                 | -         | 23,437    | 681,918       | 347                    | 31,523                  | 713,788                   | 7,155,957   | 7,155,957                |              |
| Fuel and oil consumed:             |  |                        |           |           |               |                        |                         |                           |             |                          |              |
| Turbo fuel - Quantity .....        | 20,140,993                               | -                      | 19,465    | 19,465    | 20,160,458    | 203,814                | 3,675,716               | 24,039,988                | 221,519,087 | 221,519,087              |              |
| Cost .....                         | 2,759,481                                | -                      | 6,679     | 6,679     | 2,766,160     | 34,564                 | 580,088                 | 3,380,812                 | 35,787,181  | 35,787,181               |              |
| Gasoline - Quantity .....          | 1,130,308                                | 607,515                | 348,774   | 956,289   | 2,086,597     | 4,557                  | 24,562                  | 2,115,716                 | 23,757,291  | 23,757,291               |              |
| Cost .....                         | 362,082                                  | 243,183                | 157,014   | 400,197   | 762,279       | 1,620                  | 8,105                   | 772,004                   | 8,757,549   | 8,757,549                |              |
| Turbo oil - Quantity .....         | 3,930                                    | -                      | 3         | 3         | 3,933         | 60                     | 60                      | 4,053                     | 41,757      | 41,757                   |              |
| Cost .....                         | 35,137                                   | -                      | 45        | 45        | 35,182        | 341                    | 574                     | 36,097                    | 381,877     | 381,877                  |              |
| Other oil - Quantity .....         | 12,133                                   | 7,252                  | 6,079     | 13,331    | 25,464        | 10                     | 36                      | 25,510                    | 298,813     | 298,813                  |              |
| Cost .....                         | 13,630                                   | 10,046                 | 9,176     | 19,222    | 32,852        | 70                     | 10                      | 32,932                    | 388,836     | 388,836                  |              |
| Average number of employees:       |  |                        |           |           |               |                        |                         |                           |             |                          |              |
| Pilots and co-pilots .....         | 1,098                                    | 359                    | 350       | 709       | 1,807         | ..                     | ..                      | ..                        | ..          | ..                       |              |
| Other flight personnel .....       | 1,188                                    | 38                     | 53        | 91        | 1,279         | ..                     | ..                      | ..                        | ..          | ..                       |              |
| General management .....           | 324                                      | 107                    | 107       | 214       | 538           | ..                     | ..                      | ..                        | ..          | ..                       |              |
| Maintenance labour .....           | 3,859                                    | 401                    | 270       | 671       | 4,530         | ..                     | ..                      | ..                        | ..          | ..                       |              |
| Aircraft & traffic servicing ..... | 5,601                                    | 121                    | 40        | 161       | 5,762         | ..                     | ..                      | ..                        | ..          | ..                       |              |
| Other personnel .....              | 4,865                                    | 222                    | 253       | 475       | 5,340         | ..                     | ..                      | ..                        | ..          | ..                       |              |
| Totals .....                       | 16,935                                   | 1,248                  | 1,073     | 2,321     | 19,256        | 289                    | 674                     | 20,219                    | 19,476      | 19,476                   |              |
| Salaries and wages paid:           |  |                        |           |           |               |                        |                         |                           |             |                          |              |
| Pilots and co-pilots .....         | 1,434,976                                | 294,819                | 230,488   | 525,307   | 1,960,283     | ..                     | ..                      | ..                        | ..          | ..                       |              |
| Other flight personnel .....       | 615,988                                  | 23,917                 | 22,830    | 46,747    | 662,735       | ..                     | ..                      | ..                        | ..          | ..                       |              |
| General management .....           | 305,886                                  | 78,019                 | 77,029    | 155,048   | 460,934       | ..                     | ..                      | ..                        | ..          | ..                       |              |
| Maintenance labour .....           | 2,052,674                                | 184,173                | 126,324   | 310,497   | 2,363,171     | ..                     | ..                      | ..                        | ..          | ..                       |              |
| Aircraft & traffic servicing ..... | 2,769,796                                | 57,455                 | 15,226    | 72,681    | 2,842,477     | ..                     | ..                      | ..                        | ..          | ..                       |              |
| Other personnel .....              | 2,531,497                                | 84,495                 | 86,796    | 171,473   | 2,702,970     | ..                     | ..                      | ..                        | ..          | ..                       |              |
| Totals .....                       | 9,710,817                                | 722,878                | 558,875   | 1,281,753 | 10,992,570    | 181,143                | 352,654                 | 11,526,367                | 111,166,995 | 111,166,995              |              |

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

(2) See "Foreign Carriers", page 7, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Air Canada.

(6) weight on wheels in excess of 18,000 pounds.

(7) These data exclude non-transportation services, except for hours flown.

(8) Includes excess baggage.

(9) Data in Tables 4, 5, 6, 7, 8 and 9 included in this table.

TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group

October 1965

|                                       | Scheduled carriers |              |              | Non-scheduled carriers |               |           | Grand total | Year to date |       |
|---------------------------------------|--------------------|--------------|--------------|------------------------|---------------|-----------|-------------|--------------|-------|
|                                       | Group I            | Group II (1) |              | Total                  | Group III (1) |           |             |              | Total |
|                                       |                    | Group I      | Group II (1) |                        | Group III (1) | Group IV  |             |              |       |
| dollars                               |                    |              |              |                        |               |           |             |              |       |
| Operating revenues:                   |                    |              |              |                        |               |           |             |              |       |
| Unit toll transportation:             |                    |              |              |                        |               |           |             |              |       |
| Passengers .....                      | 23,679,932         | 1,030,006    | 24,709,938   | 234,031                | 32,332        | 266,363   | 24,976,301  | 241,697,923  |       |
| Express .....                         | 583,140            | 26,111       | 609,251      | 9,163                  | 1,880         | 11,043    | 620,294     | 4,707,116    |       |
| Freight .....                         | 1,942,404          | 220,322      | 2,162,726    | 91,085                 | 4,638         | 95,723    | 2,258,449   | 17,973,578   |       |
| Excess baggage .....                  | 124,381            | 17,303       | 141,684      | 4,049                  | 413           | 4,462     | 146,146     | 1,659,862    |       |
| Mail .....                            | 1,327,531          | 123,340      | 1,450,871    | 43,902                 | 7,415         | 49,317    | 1,500,188   | 14,902,647   |       |
| Total unit toll transportation ..     | 27,657,388         | 1,417,082    | 29,074,470   | 380,230                | 46,678        | 426,908   | 29,501,378  | 280,941,126  |       |
| Bulk transportation .....             | 991,697            | 398,171      | 1,389,868    | 1,079,257              | 1,072,814     | 2,152,071 | 3,541,939   | 43,418,892   |       |
| Total transportation .....            | 28,649,085         | 1,815,253    | 30,464,338   | 1,459,487              | 1,119,492     | 2,578,979 | 33,043,317  | 324,360,018  |       |
| Other flying services .....           | 5,282              | 21,260       | 26,542       | 273,929                | 204,341       | 478,270   | 504,812     | 6,743,913    |       |
| Total flying services .....           | 28,654,367         | 1,836,513    | 30,490,880   | 1,733,416              | 1,323,833     | 3,057,249 | 33,548,129  | 331,103,931  |       |
| Non-flying services .....             | 311,485            | 20,371       | 331,856      | 117,955                | 315,923       | 433,878   | 765,734     | 4,207,632    |       |
| Total operating revenues .....        | 28,965,852         | 1,856,884    | 30,822,736   | 1,851,371              | 1,639,756     | 3,491,127 | 34,313,863  | 335,311,563  |       |
| Operating expenses:                   |                    |              |              |                        |               |           |             |              |       |
| Flying operations .....               | 6,420,714          | 668,151      | 7,088,865    | 866,934                | 539,309       | 1,406,243 | 8,495,108   | 82,159,304   |       |
| Maintenance .....                     | 5,809,756          | 621,862      | 6,431,618    | 601,476                | 417,616       | 1,019,092 | 7,450,710   | 67,612,007   |       |
| General services and administration:  |                    |              |              |                        |               |           |             |              |       |
| Passenger service .....               | 2,327,221          | 66,704       | 2,393,925    | ..                     | ..            | ..        | ..          | ..           |       |
| Aircraft and traffic servicing .....  | 3,633,019          | 305,446      | 3,938,465    | ..                     | ..            | ..        | ..          | ..           |       |
| Promotion and sales .....             | 4,502,223          | 137,360      | 4,639,583    | ..                     | ..            | ..        | ..          | ..           |       |
| General administration .....          | 1,009,726          | 139,610      | 1,149,336    | ..                     | ..            | ..        | ..          | ..           |       |
| Totals .....                          | 11,472,189         | 649,120      | 12,121,309   | 398,411                | 258,845       | 657,256   | 12,778,565  | 121,852,204  |       |
| Depreciation and amortization .....   | 3,365,616          | 112,542      | 3,478,158    | 246,950                | 94,928        | 341,878   | 3,820,036   | 32,435,217   |       |
| Total operating expenses .....        | 27,068,275         | 2,051,675    | 29,119,950   | 2,113,771              | 1,310,698     | 3,424,469 | 32,544,419  | 304,058,732  |       |
| Operating income (loss) .....         | 1,897,577          | 194,791      | 1,702,786    | 262,400                | 329,058       | 66,658    | 1,769,444   | 31,252,831   |       |
| Non-operating income - Net:           |                    |              |              |                        |               |           |             |              |       |
| Capital gains and losses .....        | 28,782             | 4,518        | 24,264       | 48,625                 | 11,330        | 59,955    | 35,691      | 686,273      |       |
| Interest and discounts .....          | 356,690            | 49           | 356,739      | 2,940                  | 5,944         | 8,884     | 365,623     | 2,572,753    |       |
| Miscellaneous non-operating income .. | 24,124             | 6,030        | 18,094       | 20,537                 | 6,497         | 14,040    | 32,134      | 270,131      |       |
| Income before interest expense .....  | 2,249,609          | 196,254      | 2,053,355    | 190,298                | 339,835       | 149,537   | 2,202,892   | 34,241,726   |       |
| Interest expense .....                | 962,352            | 34,618       | 996,970      | 53,627                 | 41,769        | 95,396    | 1,092,366   | 10,722,447   |       |
| Income before income taxes .....      | 1,287,257          | 230,872      | 1,056,385    | 243,925                | 298,066       | 54,141    | 1,110,526   | 23,519,279   |       |
| Provision for income taxes .....      | -                  | 23,060       | 23,060       | 34,521                 | 19,727        | 14,794    | 8,266       | 1,069,158    |       |
| Net income after income taxes .....   | 1,287,257          | 253,932      | 1,033,325    | 209,404                | 278,339       | 68,935    | 1,102,260   | 22,450,121   |       |

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

(2) Data in Tables 3, 8 and 10 included in this table.

TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

October 1965

|                                       | Air<br>Canada | Canadian<br>Pacific<br>Air Lines | Eastern<br>Provincial<br>Airways<br>(1963) | Pacific<br>Western<br>Airlines | Quebecair<br>Inc. | Transair<br>Ltd. | Total      | Year<br>to<br>date |
|---------------------------------------|---------------|----------------------------------|--|--------------------------------|-------------------|------------------|------------|--------------------|
| dollars                               |               |                                  |  |                                |                   |                  |            |                    |
| Operating revenues:                   |               |                                  |  |                                |                   |                  |            |                    |
| Unit toll transportation:             |               |                                  |  |                                |                   |                  |            |                    |
| Passengers .....                      | 18,674,432    | 5,005,500                        | 155,371                                    | 459,354                        | 252,455           | 162,826          | 24,709,938 | 238,620,375        |
| Express .....                         | 554,815       | 28,325                           | 5,885                                      | 16,210                         | -                 | 4,016            | 609,251    | 4,608,039          |
| Freight .....                         | 1,408,368     | 534,036                          | 62,157                                     | 98,994                         | 41,598            | 17,573           | 2,162,726  | 16,921,810         |
| Excess baggage .....                  | 78,429        | 45,952                           | 9,307                                      | 4,531                          | 7,465             | 591              | 141,684    | 1,596,413          |
| Mail .....                            | 1,016,099     | 311,432                          | 28,680                                     | 56,001                         | 306,049           | 31,194           | 1,450,871  | 14,313,270         |
| Total unit toll transportation ..     | 21,732,143    | 5,925,245                        | 254,967                                    | 639,866                        | 306,049           | 216,200          | 29,074,470 | 276,059,907        |
| Bulk transportation .....             | 614,137       | 377,560                          | 50,129                                     | 200,443                        | 3,470             | 144,129          | 1,389,868  | 16,914,826         |
| Total transportation .....            | 22,346,280    | 6,302,805                        | 305,096                                    | 840,309                        | 309,519           | 360,329          | 30,464,338 | 292,974,733        |
| Other flying services .....           | 5,282         | -                                | 21,260                                     | -                              | -                 | -                | 26,542     | 519,058            |
| Total flying services .....           | 22,351,562    | 6,302,805                        | 326,356                                    | 840,309                        | 309,519           | 360,329          | 30,490,880 | 293,493,791        |
| Non-flying services .....             | 216,536       | 94,949                           | 7,022                                      | 567                            | 8,111             | 4,671            | 331,856    | 2,120,809          |
| Total operating revenues .....        | 22,568,098    | 6,397,754                        | 333,378                                    | 840,876                        | 317,630           | 365,000          | 30,822,736 | 295,614,600        |
| Operating expenses:                   |               |                                  |  |                                |                   |                  |            |                    |
| Flying operations .....               | 4,568,018     | 1,852,696                        | 136,141                                    | 290,199                        | 85,065            | 156,746          | 7,088,865  | 67,461,947         |
| Maintenance .....                     | 4,676,414     | 1,133,342                        | 149,071                                    | 209,863                        | 110,318           | 152,610          | 6,431,618  | 57,435,660         |
| General services and administrations: |               |                                  |  |                                |                   |                  |            |                    |
| Passenger service .....               | 1,803,576     | 523,645                          | 14,038                                     | 21,924                         | 15,798            | 14,944           | 2,393,925  | 22,570,371         |
| Aircraft and traffic servicing .....  | 3,037,815     | 595,204                          | 102,195                                    | 145,686                        | 33,933            | 23,632           | 3,938,465  | 38,228,486         |
| Promotion and sales .....             | 3,327,969     | 1,174,254                        | 7,473                                      | 28,034                         | 64,648            | 37,205           | 4,639,583  | 43,415,068         |
| General administration .....          | 823,868       | 185,858                          | 23,909                                     | 63,336                         | 31,908            | 20,457           | 1,149,336  | 11,361,584         |
| Totals .....                          | 8,993,228     | 2,478,961                        | 147,615                                    | 258,980                        | 146,287           | 96,238           | 12,121,309 | 115,575,509        |
| Depreciation and amortization .....   | 3,183,806     | 181,810                          | 46,448                                     | 31,574                         | 23,474            | 11,046           | 3,478,158  | 29,351,819         |
| Total operating expenses .....        | 21,421,466    | 5,646,809                        | 479,275                                    | 790,616                        | 365,144           | 416,640          | 29,119,950 | 269,824,935        |
| Operating income (loss) .....         | 1,146,632     | 750,945                          | 145,897                                    | 50,260                         | 47,514            | 51,640           | 1,702,786  | 25,789,665         |
| Non-operating income - Net:           |               |                                  |  |                                |                   |                  |            |                    |
| Capital gains and losses .....        | -             | 28,782                           | -  | 4,518                          | -                 | -                | 24,264     | 273,867            |
| Interest and discounts .....          | 280,882       | 75,808                           | 6  | -                              | -                 | 43               | 356,739    | 2,522,782          |
| Miscellaneous non-operating income .. | 23,735        | 389                              | 58   | 188                            | 930               | 5,346            | 18,094     | 316,235            |
| Income before interest expense .....  | 1,451,249     | 798,360                          | 145,833                                    | 54,966                         | 48,444            | 56,943           | 2,053,355  | 28,270,079         |
| Interest expense .....                | 962,352       | -                                | 25,497                                     | 8,846                          | 4,118             | 3,843            | 996,970    | 9,926,433          |
| Income before income taxes .....      | 488,897       | 798,360                          | 171,330                                    | 46,120                         | 52,562            | 53,100           | 1,056,385  | 18,343,646         |
| Provision for income taxes .....      | -             | -                                | -  | 23,060                         | -                 | -                | 23,060     | 401,003            |
| Net income after income taxes .....   | 488,897       | 798,360                          | 171,330                                    | 23,060                         | 52,562            | 53,100           | 1,033,325  | 17,942,643         |



TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

October 1965

|   | Group I carriers |                            |             | Group II carriers                 |                             |                   |                  |            | Grand total |
|---|------------------|----------------------------|-------------|-----------------------------------|-----------------------------|-------------------|------------------|------------|-------------|
|   | Air Canada       | Canadian Pacific Air Lines | Total       | Eastern Provincial Airways (1963) | Pacific Western Airlines(1) | Quebecair Inc.(1) | Transair Ltd.(1) | Total(1)   |             |
| Revenue transportation services:                      |                  |                            |             |                                   |                             |                   |                  |            |             |
| Unit toll:  |                  |                            |             |                                   |                             |                   |                  |            |             |
| Departures .....                                      | 13,042           | 1,956                      | 14,998      | 1,017                             | 1,411                       | 1,045             | 1,304            | 4,777      | 19,775      |
| Hours flown .....                                     | 17,695           | 3,778                      | 21,473      | 1,104                             | 1,739                       | 859               | 1,286            | 4,988      | 26,461      |
| Miles scheduled .....                                 | 4,978,408        | 1,337,080                  | 6,315,488   | 69,114                            | 202,058                     | 103,239           | 114,656          | 489,067    | 6,804,555   |
| Miles flown:  |                  |                            |             |                                   |                             |                   |                  |            |             |
| Scheduled - Regular .....                             | 4,927,812        | 1,322,946                  | 6,250,758   | 66,637                            | 196,930                     | 95,045            | 113,796          | 472,408    | 6,723,166   |
| Extra section .....                                   | 239,851          | 15,342                     | 255,193     | 1,810                             | 19,386                      | 1,533             | 1,398            | 24,127     | 279,320     |
| Non-scheduled .....                                   | -                | -                          | -           | 86,287                            | 53,606                      | 53,542            | 70,705           | 264,140    | 264,140     |
| Totals .....  | 5,167,663        | 1,338,288                  | 6,505,951   | 154,734                           | 269,922                     | 150,120           | 185,899          | 760,675    | 7,266,626   |
| Ratio of regular miles flown to miles scheduled ..... | 99.0             | 98.9                       | 99.0        | 96.4                              | 97.5                        | 92.1              | 99.2             | 96.6       | 98.8        |
| Passengers carried .....                              | 426,028          | 50,519                     | 476,547     | 6,528                             | 21,460                      | 9,423             | 6,460            | 43,871     | 520,418     |
| Goods carried:  |                  |                            |             |                                   |                             |                   |                  |            |             |
| Freight .....   | 8,425,479        | 1,284,384                  | 9,709,863   | 510,674                           | 727,885                     | 191,728           | 126,061          | 1,556,348  | 11,266,211  |
| Express .....   | 1,471,820        | 123,599                    | 1,595,419   | 38,654                            | 50,318                      | -                 | 15,591           | 104,563    | 1,699,982   |
| Excess baggage .....                                  | -                | 26,030                     | 26,030      | 15,345                            | 54,255                      | 24,676            | 4,701            | 98,977     | 125,007     |
| Mail .....  | 3,379,252        | 256,561                    | 3,635,813   | 175,628                           | 182,092                     | 38,415            | 126,071          | 522,206    | 4,158,019   |
| Totals .....  | 13,276,551       | 1,690,574                  | 14,967,125  | 740,301                           | 1,014,550                   | 254,819           | 272,424          | 2,282,094  | 17,249,219  |
| Passenger-miles:                                      |                  |                            |             |                                   |                             |                   |                  |            |             |
| Scheduled .....                                       | 312,060,304      | 87,358,465                 | 399,418,769 | 542,825                           | 4,895,772                   | 1,713,182         | 1,691,350        | 8,843,129  | 408,261,898 |
| Non-scheduled .....                                   | -                | -                          | -           | 1,138,482                         | 425,345                     | 994,704           | 240,172          | 2,798,703  | 2,798,703   |
| Totals .....  | 312,060,304      | 87,358,465                 | 399,418,769 | 1,681,307                         | 5,321,117                   | 2,707,886         | 1,931,522        | 11,641,832 | 411,060,601 |
| Available seat-miles on scheduled services .....      | 493,215,978      | 161,668,324                | 654,884,302 | 2,245,726                         | 9,874,911                   | 3,357,104         | 6,272,669        | 21,750,410 | 676,634,712 |
| Passenger load factor on scheduled services .....     | 63.3             | 54.0                       | 61.0        | 24.2                              | 49.6                        | 51.0              | 27.0             | 40.7       | 60.3        |
| Goods ton-miles:                                      |                  |                            |             |                                   |                             |                   |                  |            |             |
| Freight - Scheduled .....                             | 5,593,821        | 1,711,351                  | 7,305,172   | 10,310                            | 190,066                     | 23,766            | 10,448           | 234,590    | 7,539,762   |
| Non-scheduled .....                                   | -                | -                          | -           | 124,036                           | 11,924                      | 14,500            | 9,281            | 159,741    | 159,741     |
| Totals .....  | 5,593,821        | 1,711,351                  | 7,305,172   | 134,346                           | 201,990                     | 38,266            | 19,729           | 394,331    | 7,699,503   |
| Express - Scheduled .....                             | 590,220          | 32,952                     | 623,172     | 1,673                             | 13,614                      | -                 | 3,102            | 18,389     | 641,561     |
| Non-scheduled .....                                   | -                | -                          | -           | 3,100                             | -                           | -                 | 226              | 3,326      | 3,326       |
| Totals .....  | 590,220          | 32,952                     | 623,172     | 4,773                             | 13,614                      | -                 | 3,328            | 21,715     | 644,887     |

footnotes at end of table.

See footnotes at end of table.

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|   | Group I carriers |                            |             |                                   | Group II carriers            |                    |                   |            | Grand total |
|---|------------------|----------------------------|-------------|-----------------------------------|------------------------------|--------------------|-------------------|------------|-------------|
|   | Air Canada       | Canadian Pacific Air Lines | Total       | Eastern Provincial Airways (1963) | Pacific Western Airlines (1) | Quebecair Inc. (1) | Transair Ltd. (1) | Total (1)  |             |
| Revenue transportation services - Concluded:                              |                  |                            |             |                                   |                              |                    |                   |            |             |
| Unit toll - Concluded:  |                  |                            |             |                                   |                              |                    |                   |            |             |
| Goods ton-miles - Concluded:  |                  |                            |             |                                   |                              |                    |                   |            |             |
| Excess baggage - Scheduled .....  | 170,109          | 50,165                     | 220,274     | 467                               | 5,840                        | 2,563              | 434               | 9,304      | 229,578     |
| Non-scheduled ..  | -                | -                          | -           | 2,421                             | 498                          | 2,142              | 146               | 5,207      | 5,207       |
| Totals .....  | 170,109          | 50,165                     | 220,274     | 2,888                             | 6,338                        | 4,705              | 580               | 14,511     | 234,785     |
| Mail - Scheduled .....  | 1,460,042        | 276,095                    | 1,736,137   | 7,129                             | 50,774                       | 3,841              | 5,676             | 67,420     | 1,803,557   |
| Non-scheduled ..  | -                | -                          | -           | 23,725                            | 692                          | 2,009              | 9,647             | 36,073     | 36,073      |
| Totals .....  | 1,460,042        | 276,095                    | 1,736,137   | 30,854                            | 51,466                       | 5,850              | 15,323            | 103,493    | 1,839,630   |
| Total - Scheduled .....   | 7,814,192        | 2,070,563                  | 9,884,755   | 19,579                            | 260,294                      | 30,170             | 19,660            | 329,703    | 10,214,458  |
| Non-scheduled ..  | -                | -                          | -           | 153,282                           | 13,114                       | 18,651             | 19,300            | 204,347    | 204,347     |
| Totals .....  | 7,814,192        | 2,070,563                  | 9,884,755   | 172,861                           | 273,408                      | 48,821             | 38,960            | 534,050    | 10,418,805  |
| Available ton-miles on scheduled services .....                           | 73,741,000       | 20,865,648                 | 94,606,648  | 273,232                           | 1,386,617                    | 334,200            | 721,487           | 2,715,536  | 97,322,184  |
| Weight load factor on scheduled services (3) .....                        | 52.9             | 51.8                       | 52.7        | 27.0                              | 54.1                         | 60.3               | 26.2              | 44.7       | 52.4        |
| Bulk:   |                  |                            |             |                                   |                              |                    |                   |            |             |
| Departures .....  | 163              | 118                        | 281         | 613                               | 1,282                        | 13                 | 275               | 2,183      | 2,464       |
| Hours flown .....   | 585              | 475                        | 1,060       | 527                               | 1,280                        | 18                 | 478               | 2,303      | 3,363       |
| Miles flown .....   | 244,013          | 158,750                    | 402,763     | 49,949                            | 168,884                      | 2,393              | 78,335            | 299,561    | 702,324     |
| Passengers carried .....  | 6,789            | 3,284                      | 10,073      | 1,014                             | 1,658                        | 78                 | 1,013             | 3,763      | 13,836      |
| Freight carried .....   | -                | -                          | -           | 82,466                            | 669,858                      | -                  | 463,372           | 1,215,696  | 1,215,696   |
| Passenger-miles (4) .....   | 17,712,756       | 10,074,732                 | 27,787,488  | 116,292                           | 180,245                      | 52,712             | 952,914           | 1,302,163  | 29,089,651  |
| Goods ton-miles (4) .....   | -                | -                          | -           | 1,044                             | 376,952                      | -                  | 227,983           | 605,979    | 605,979     |
| Revenue non-transportation services: Specialty flying - Hours flown ..... | 14               | -                          | 14          | 220                               | -                            | -                  | -                 | 220        | 234         |
| Total - All services:   |                  |                            |             |                                   |                              |                    |                   |            |             |
| Traffic, hours and miles: (5)   |                  |                            |             |                                   |                              |                    |                   |            |             |
| Revenue:  |                  |                            |             |                                   |                              |                    |                   |            |             |
| Departures .....  | 13,205           | 2,074                      | 15,279      | 1,630                             | 2,693                        | 1,058              | 1,579             | 6,960      | 22,239      |
| Hours flown .....   | 18,294           | 4,253                      | 22,547      | 1,851                             | 3,019                        | 877                | 1,764             | 7,511      | 30,058      |
| Miles flown .....   | 5,411,676        | 1,497,038                  | 6,908,714   | 204,863                           | 436,806                      | 152,513            | 264,234           | 1,060,236  | 7,968,950   |
| Passengers carried .....  | 432,817          | 53,803                     | 486,620     | 7,542                             | 23,118                       | 9,501              | 7,473             | 47,634     | 534,254     |
| Cargo carried .....   | 9,897,299        | 1,407,983                  | 11,305,282  | 631,794                           | 1,448,061                    | 191,728            | 605,024           | 2,876,607  | 14,181,889  |
| Goods carried .....   | 13,276,551       | 1,690,574                  | 14,967,125  | 822,767                           | 1,684,408                    | 254,819            | 735,796           | 3,497,790  | 18,464,915  |
| Passenger-miles (4) .....   | 329,773,060      | 97,433,197                 | 427,206,257 | 1,797,599                         | 5,501,362                    | 2,760,598          | 2,884,436         | 12,943,995 | 440,150,252 |
| Goods ton-miles (4) .....   | 7,814,192        | 2,070,563                  | 9,884,755   | 173,905                           | 650,360                      | 48,821             | 266,943           | 1,140,025  | 11,024,784  |

See footnotes at end of table.



TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

October 1965

|  | Group I carriers |                            |            | Group II carriers                 |                             |                   |                  | Grand total |
|--|------------------|----------------------------|------------|-----------------------------------|-----------------------------|-------------------|------------------|-------------|
|  | Air Canada       | Canadian Pacific Air Lines | Total      | Eastern Provincial Airways (1963) | Pacific Western Airlines(1) | Quebecair Inc.(1) | Transair Ltd.(1) |             |
| Total - All services - Concluded:        |                  |                            |            |                                   |                             |                   |                  |             |
| Traffic, hours and miles - Concluded:(5) |                  |                            |            |                                   |                             |                   |                  |             |
| Non-revenue:                             |                  |                            |            |                                   |                             |                   |                  |             |
| Hours flown .....                        | 404              | 104                        | 508        |                                   | 165                         | 32                | 84               | 921         |
| Passengers carried .....                 | ..               | 2,248                      | 2,248(2)   | 132                               | 369                         | 188               | 145              | 3,162(2)    |
| Goods carried .....                      | ..               | 192,485                    | 192,485(2) | 212                               | 42,217                      | -                 | 16,924           | 280,371(2)  |
| Passenger-miles .....                    | 14,982,846       | 5,463,887                  | 20,446,733 | 28,745                            | 143,477                     | 52,697            | 67,838           | 20,848,599  |
| Goods ton-miles .....                    | 385,275          | 246,749                    | 632,024    | 117,854                           | 17,871                      | -                 | 3,221            | 638,481     |
| Fuel and oil consumed:                   |                  |                            |            |                                   |                             |                   |                  |             |
| Turbo fuel - Quantity .....              | 15,527,009       | 4,251,984                  | 19,778,993 | 127,824                           | -                           | 152,542           | 81,634           | 20,140,993  |
| Cost .....                               | 1,993,677        | 690,573                    | 2,684,250  | 26,843                            | -                           | 32,034            | 16,354           | 2,759,481   |
| Gasoline - Quantity .....                | -                | 468,262                    | 468,262    | 87,798                            | 349,686                     | 20,190            | 204,372          | 1,130,308   |
| Cost .....                               | -                | 125,727                    | 125,727    | 27,917                            | 128,169                     | 6,663             | 73,606           | 362,082     |
| Turbo oil - Quantity .....               | 2,889            | 420                        | 3,309      | 58                                | -                           | 557               | 6                | 3,930       |
| Cost .....                               | 28,771           | 3,485                      | 32,256     | 870                               | -                           | 1,951             | 60               | 35,137      |
| Other oil - Quantity .....               | -                | 4,151                      | 4,151      | 1,349                             | 3,976                       | 671               | 1,986            | 12,133      |
| Cost .....                               | -                | 4,391                      | 4,391      | 1,687                             | 4,970                       | 537               | 2,045            | 13,630      |
| Average number of employees:             |                  |                            |            |                                   |                             |                   |                  |             |
| Pilots and co-pilots .....               | 653              | 221                        | 874        | 56                                | 90                          | 28                | 50               | 1,098       |
| Other flight personnel .....             | 809              | 282                        | 1,091      | 16                                | 38                          | 16                | 27               | 1,188       |
| General management .....                 | 71               | 111                        | 182        | 8                                 | 59                          | 53                | 22               | 324         |
| Maintenance labour .....                 | 2,711            | 573                        | 3,284      | 206                               | 203                         | 74                | 92               | 3,859       |
| Aircraft and traffic servicing .....     | 4,218            | 964                        | 5,182      | 122                               | 106                         | 118               | 73               | 5,601       |
| Other personnel .....                    | 3,961            | 767                        | 4,728      | 41                                | 25                          | 10                | 61               | 4,865       |
| Total employees .....                    | 12,423           | 2,918                      | 15,341     | 449                               | 521                         | 299               | 325              | 16,935      |
| Salaries and wages:                      |                  |                            |            |                                   |                             |                   |                  |             |
| Pilots and co-pilots .....               | 964,453          | 291,671                    | 1,256,124  | 42,202                            | 70,158                      | 26,062            | 40,430           | 1,434,976   |
| Other flight personnel .....             | 418,395          | 160,516                    | 578,911    | 4,485                             | 17,351                      | 5,395             | 8,846            | 615,988     |
| General management .....                 | 129,368          | 99,594                     | 228,962    | 8,166                             | 30,916                      | 22,509            | 15,333           | 305,866     |
| Maintenance labour .....                 | 1,496,562        | 273,595                    | 1,770,157  | 82,448                            | 114,836                     | 37,813            | 47,420           | 2,052,674   |
| Aircraft and traffic servicing .....     | 2,175,019        | 415,972                    | 2,590,991  | 41,339                            | 66,553                      | 46,973            | 23,940           | 2,769,796   |
| Other personnel .....                    | 2,189,013        | 303,789                    | 2,492,802  | 14,347                            | 5,164                       | 6,312             | 12,872           | 2,531,497   |
| Total salaries and wages .....           | 7,373,810        | 1,545,137                  | 8,918,947  | 192,987                           | 304,978                     | 145,064           | 148,841          | 9,710,817   |

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Excludes Air Canada.

(3) Standard passenger weight used: 200 pounds.

(4) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(5) These data exclude non-transportation services, except for hours flown.

TABLE 5. Revenue Interline Traffic(1), Canadian Scheduled Carriers - All Services, by Company

October 1965

- 15 -

|                                | Air<br>Canada | Canadian<br>Pacific<br>Air Lines | Eastern<br>Provincial<br>Airways<br>(1963) | Pacific<br>Western<br>Airlines | Quebecair<br>Inc. | Transair<br>Ltd. | Total      |
|--------------------------------|---------------|----------------------------------|--|--------------------------------|-------------------|------------------|------------|
| <b>Passengers carried:</b>     |               |                                  |  |                                |                   |                  |            |
| Originated .....               | 352,173       | 41,906                           | 4,775                                      | 19,618                         | 9,423             | 5,487            | 433,382    |
| Domestic interline .....       | )             | 3,967                            | 1,562                                      | -                              | -                 | -                | 83,872     |
| Foreign interline .....        | )             | 4,488                            | -  | -                              | -                 | -                | 517,254    |
| Totals(2) .....                | 426,028       | 50,361                           | 6,337                                      | 19,618                         | 9,423             | 5,487            |            |
| <b>Express carried:</b>        |               |                                  |  |                                |                   |                  |            |
| Originated .....               | 1,471,820     | 123,599                          | 37,767                                     | 50,318                         | -                 | 15,591           | 1,699,095  |
| Domestic interline .....       | -             | -                                | -  | -                              | -                 | -                | -          |
| Foreign interline .....        | -             | -                                | -  | -                              | -                 | -                | -          |
| Totals(2) .....                | 1,471,820     | 123,599                          | 37,767                                     | 50,318                         | -                 | 15,591           | 1,699,095  |
| <b>Freight carried:</b>        |               |                                  |  |                                |                   |                  |            |
| Originated .....               | 8,425,479     | 1,072,080                        | 497,800                                    | 612,737                        | 191,728           | 52,213           | 10,852,037 |
| Domestic interline .....       | -             | 18,208                           | -  | -                              | -                 | -                | 18,208     |
| Foreign interline .....        | -             | 36,741                           | -  | -                              | -                 | -                | 36,741     |
| Totals(2) .....                | 8,425,479     | 1,127,029                        | 497,800                                    | 612,737                        | 191,728           | 52,213           | 10,906,986 |
| <b>Excess baggage carried:</b> |               |                                  |  |                                |                   |                  |            |
| Originated .....               | ..            | 26,030                           | 14,626                                     | 49,022                         | 24,676            | 3,972            | 118,326    |
| Domestic interline .....       | ..            | -                                | -  | -                              | -                 | -                | -          |
| Foreign interline .....        | ..            | -                                | -  | -                              | -                 | -                | -          |
| Totals(2) .....                | ..            | 26,030                           | 14,626                                     | 49,022                         | 24,676            | 3,972            | 118,326    |
| <b>Mail carried:</b>           |               |                                  |  |                                |                   |                  |            |
| Originated .....               | 3,379,252     | 256,561                          | 175,400                                    | 170,553                        | 38,415            | 27,431           | 4,047,612  |
| Domestic interline .....       | -             | -                                | -  | -                              | -                 | -                | -          |
| Foreign interline .....        | -             | -                                | -  | -                              | -                 | -                | -          |
| Totals(2) .....                | 3,379,252     | 256,561                          | 175,400                                    | 170,553                        | 38,415            | 27,431           | 4,047,612  |

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Board.

(2) Excludes division interline.

(3) Excludes Air Canada.

TABLE 6. Operating Statistics, Canadian International Carriers - All Revenue Services, by area of Service  
October 1965

|   | Trans-Border Services | Trans-Atlantic and Polar Services | Southern Services | Pacific and Orient Services | Total International Services | Domestic Services | Grand total |
|---|-----------------------|-----------------------------------|-------------------|-----------------------------|------------------------------|-------------------|-------------|
| <b>Unit toll:</b>                                     |                       |                                   |                   |                             |                              |                   |             |
| Departures .....                                      | 2,170                 | 608                               | 394               | 113                         | 3,285                        | 11,713            | 14,998      |
| Hours flown .....                                     | 3,123                 | 2,518                             | 1,107             | 704                         | 7,452                        | 14,021            | 21,473      |
| Miles scheduled .....                                 | 697,554               | 1,186,345                         | 420,161           | 318,461                     | 2,624,521                    | 3,690,967         | 6,315,488   |
| Miles flown:  |                       |                                   |                   |                             |                              |                   |             |
| Scheduled - Regular .....                             | 689,083               | 1,182,063                         | 416,285           | 318,461                     | 2,605,892                    | 3,644,866         | 6,250,758   |
| Non-scheduled - Extra sections .....                  | 28,341                | 21,467                            | 10,441            | 8,301                       | 68,550                       | 186,643           | 255,193     |
| Totals .....  | 717,424               | 1,203,530                         | 426,726           | 326,762                     | 2,674,442                    | 3,831,509         | 6,505,951   |
| Ratio of regular miles flown to miles scheduled ..... | 98.8                  | 99.5                              | 99.1              | 100.0                       | 99.3                         | 98.8              | 99.0        |
| Passengers carried .....                              | ...                   | ...                               | ...               | ...                         | 161,643                      | 314,904           | 476,547     |
| Cargo carried .....                                   | ...                   | ...                               | ...               | ...                         | 4,454,405                    | 6,876,907         | 11,331,312  |
| Mail carried .....                                    | ...                   | ...                               | ...               | ...                         | 460,409                      | 3,175,404         | 3,635,813   |
| Passenger-miles .....                                 | 39,830,523            | 92,554,274                        | 26,427,244        | 23,041,182                  | 181,853,223                  | 217,565,546       | 399,418,769 |
| Available seat-miles on scheduled services .....      | 57,750,877            | 159,869,177                       | 52,327,103        | 39,926,673                  | 309,873,830                  | 345,010,472       | 654,884,302 |
| Passenger load factor on scheduled services .....     | 69.0                  | 57.9                              | 50.2              | 57.7                        | 58.7                         | 63.0              | 61.0        |
| <b>Goods ton-miles:</b>                               |                       |                                   |                   |                             |                              |                   |             |
| Express .....   | 82,279                | 1,695,601                         | 550,200           | 692,897                     | 82,279                       | 540,893           | 623,172     |
| Freight .....   | 535,982               | 71,180                            | 35,777            | 15,879                      | 3,474,680                    | 3,830,492         | 7,305,172   |
| Excess baggage .....                                  | 10,224                | 282,023                           | 73,004            | 133,572                     | 133,060                      | 87,214            | 220,274     |
| Mail .....  | 43,916                | 2,048,804                         | 658,981           | 842,348                     | 532,515                      | 1,203,622         | 1,736,137   |
| Totals .....  | 672,401               | 2,048,804                         | 658,981           | 842,348                     | 4,222,534                    | 5,662,221         | 9,884,755   |
| Available ton-miles on scheduled service .....        | 8,058,039             | 22,679,035                        | 6,549,209         | 5,483,052                   | 42,769,335                   | 51,837,313        | 94,606,648  |
| Weight load factor on scheduled services(1) .....     | 57.8                  | 49.8                              | 50.4              | 57.4                        | 52.4                         | 52.9              | 52.7        |
| <b>Bulk:</b>  |                       |                                   |                   |                             |                              |                   |             |
| Departures .....                                      | 145                   | 220                               | 12                | 2                           | 379                          | ...               | ...         |
| Hours flown .....                                     | 258                   | 1,328                             | 49                | 10                          | 1,645                        | ...               | ...         |
| Miles flown .....                                     | 59,768                | 489,995                           | 16,376            | 4,934                       | 571,073                      | ...               | ...         |
| Passengers carried .....                              | 2,253                 | 9,542                             | 491               | 129                         | 12,415                       | ...               | ...         |
| Goods carried .....                                   | ...                   | ...                               | ...               | ...                         | ...                          | ...               | ...         |
| Passenger-miles(2) .....                              | 1,368,500             | 35,889,994                        | 761,494           | 567,987                     | 38,587,975                   | ...               | ...         |
| Goods ton-miles(2) .....                              | ...                   | ...                               | ...               | ...                         | ...                          | ...               | ...         |
| <b>Total:</b>   |                       |                                   |                   |                             |                              |                   |             |
| Departures .....                                      | 2,315                 | 828                               | 406               | 115                         | 3,664                        | ...               | ...         |
| Hours flown .....                                     | 3,381                 | 3,846                             | 1,156             | 714                         | 9,097                        | ...               | ...         |
| Miles flown .....                                     | 777,192               | 1,693,525                         | 443,102           | 331,696                     | 3,245,515                    | ...               | ...         |
| Passengers carried .....                              | ...                   | ...                               | ...               | ...                         | 174,058                      | ...               | ...         |
| Goods carried .....                                   | ...                   | ...                               | ...               | ...                         | 4,914,814                    | ...               | ...         |
| Passenger-miles(2) .....                              | 41,199,023            | 128,444,268                       | 27,188,738        | 23,609,169                  | 220,441,198                  | ...               | ...         |
| Goods ton-miles(2) .....                              | 672,401               | 2,048,804                         | 658,981           | 842,348                     | 4,222,534                    | ...               | ...         |

(1) Standard passenger weight used: 200 pounds.  
(2) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

TABLE 7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)  
October 1965

|   | United States              |                         |           | Europe                    |                         |           |
|---|----------------------------|-------------------------|-----------|---------------------------|-------------------------|-----------|
|   | Leaving<br>Canada for      | Entering<br>Canada from | Total     | Leaving<br>Canada for     | Entering<br>Canada from | Total     |
| Passengers carried:                             |                            |                         |           |                           |                         |           |
| Unit toll ..... No.                             | 103,167                    | 98,325                  | 201,492   | 19,336                    | 30,135                  | 49,471    |
| Bulk ..... "                                    | 1,005                      | 1,190                   | 2,195     | 861                       | 6,096                   | 6,957     |
| Totals ..... "                                  | 104,172                    | 99,515                  | 203,687   | 20,197                    | 36,231                  | 56,428    |
| Freight, express and excess baggage<br>carried: |                            |                         |           |                           |                         |           |
| Unit toll ..... lb.                             | 859,205                    | 3,582,178               | 4,441,383 | 943,149                   | 2,310,704               | 3,253,853 |
| Bulk ..... "                                    | -                          | -                       | -         | -                         | -                       | -         |
| Total ..... "                                   | 859,205                    | 3,582,178               | 4,441,383 | 943,149                   | 2,310,704               | 3,253,853 |
| Mail carried (unit toll) ..... "                | 147,471                    | 274,365                 | 421,836   | 133,678                   | 173,896                 | 307,574   |
|   | All other areas            |                         |           | Totals                    |                         |           |
|   | Leaving<br>Canada for      | Entering<br>Canada from | Total     | Leaving<br>Canada         | Entering<br>Canada      | Total     |
| Passengers carried:                             |                            |                         |           |                           |                         |           |
| Unit toll ..... No.                             | 6,259                      | 5,858                   | 12,117    | 128,762                   | 134,318                 | 263,080   |
| Bulk ..... "                                    | 268                        | 105                     | 373       | 2,134                     | 7,391                   | 9,525     |
| Totals ..... "                                  | 6,527                      | 5,963                   | 12,490    | 130,896                   | 141,709                 | 272,605   |
| Freight, express and excess baggage<br>carried: |                            |                         |           |                           |                         |           |
| Unit toll ..... lb.                             | 239,182                    | 241,476                 | 480,658   | 2,041,536                 | 6,134,358               | 8,175,894 |
| Bulk ..... "                                    | -                          | -                       | -         | -                         | -                       | -         |
| Totals ..... "                                  | 239,182                    | 241,476                 | 480,658   | 2,041,536                 | 6,134,358               | 8,175,894 |
| Mail carried (unit toll) ..... "                | 28,255                     | 27,590                  | 55,845    | 309,404                   | 475,851                 | 785,255   |
|   | Total by Canadian carriers |                         |           | Total by Foreign carriers |                         |           |
|   | Leaving<br>Canada          | Entering<br>Canada      | Total     | Leaving<br>Canada         | Entering<br>Canada      | Total     |
| Passengers carried:                             |                            |                         |           |                           |                         |           |
| Unit toll ..... No.                             | 75,680                     | 77,423                  | 153,103   | 53,082                    | 56,895                  | 109,977   |
| Bulk ..... "                                    | 2,020                      | 6,520                   | 8,540     | 114                       | 871                     | 985       |
| Totals ..... "                                  | 77,700                     | 83,943                  | 161,643   | 53,196                    | 57,766                  | 110,962   |
| Freight, express and excess baggage<br>carried: |                            |                         |           |                           |                         |           |
| Unit toll ..... lb.                             | 1,185,473                  | 3,268,932               | 4,454,405 | 856,063                   | 2,865,426               | 3,721,489 |
| Bulk ..... "                                    | -                          | -                       | -         | -                         | -                       | -         |
| Totals ..... "                                  | 1,185,473                  | 3,268,932               | 4,454,405 | 856,063                   | 2,865,426               | 3,721,489 |
| Mail carried (unit toll) ..... "                | 216,790                    | 243,619                 | 460,409   | 92,614                    | 232,232                 | 324,846   |

(1) Passengers and goods in transit through Canada are excluded.

TABLE 8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service

October 1965

| Type of service:                     | Fixed wing aircraft |                |               |                | Helicopters   |                |               |                |
|--------------------------------------|---------------------|----------------|---------------|----------------|---------------|----------------|---------------|----------------|
|                                      | Month               |                | Year to date  |                | Month         |                | Year to date  |                |
|                                      | Revenue hours       | Revenue earned | Revenue hours | Revenue earned | Revenue hours | Revenue earned | Revenue hours | Revenue earned |
|                                      | No.                 | \$             | No.           | \$             | No.           | \$             | No.           | \$             |
| Aerial advertising .....             | 2                   | 190            | 6             | 565            | 49            | 4,490          | 723           | 67,367         |
| Aerial fish cultivation .....        | -                   | -              | 3             | 405            | -             | -              | -             | -              |
| Aerial patrol and inspection .....   | 778                 | 76,173         | 1,895         | 247,484        | 410           | 46,530         | 7,588         | 1,047,525      |
| Aerial pest control .....            | 101                 | 13,770         | 103           | 19,664         | -             | -              | 20            | 6,190          |
| Aerial photography and survey .....  | 575                 | 133,326        | 1,431         | 285,070        | 19            | 3,343          | 1,477         | 156,931        |
| Aerial photography (excl. survey) .. | 73                  | 2,404          | 188           | 9,481          | 126           | 25,593         | 847           | 82,111         |
| Aircraft rental .....                | 156                 | 2,658          | 313           | 5,546          | -             | -              | -             | -              |
| Flying training .....                | 5,650               | 100,888        | 11,160        | 202,666        | 10            | 750            | 573           | 34,692         |
| Geophysical survey .....             | 367                 | 78,430         | 890           | 152,936        | 268           | 24,152         | 5,077         | 569,033        |
| Non-transportation charter .....     | 26                  | 4,569          | 88            | 12,551         | -             | -              | -             | -              |
| Philanthropic .....                  | -                   | -              | -             | -              | -             | -              | -             | -              |
| Recreational flying .....            | 1,354               | 27,870         | 2,723         | 63,425         | 80            | 5,057          | 965           | 70,544         |
| Specialty flying - Other .....       | -                   | -              | 651           | 1,753          | 15            | 2,522          | 619           | 48,706         |
| Totals .....                         | 9,082               | 440,278        | 19,451        | 1,001,546      | 977           | 112,437        | 17,889        | 2,083,099      |

TABLE 9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV

|                                       | Carriers operating helicopters only |              | Carriers operating both helicopters and fixed wing aircraft |              | Total   |              |
|---------------------------------------|-------------------------------------|--------------|---|--------------|---------|--------------|
|                                       | Month                               | Year to date | Month   | Year to date | Month   | Year to date |
| Carriers reporting .....              | No. 16                              | ...          | 9   | ...          | 25      | ...          |
| Helicopters - Owned .....             | " 163                               | 153          | 28  | 23           | 191     | 176          |
| Leased .....                          | " 24                                | 23           | 4   | 3            | 28      | 26           |
| Totals .....                          | " 187                               | 176          | 32  | 26           | 219     | 202          |
| Revenue hours flown - Unit toll ..... | " 3                                 | 197          | -   | -            | 3       | 197          |
| Bulk .....                            | " 5,894                             | 71,642       | 376   | 3,760        | 6,270   | 75,402       |
| Specialty .....                       | " 358                               | 9,557        | 619   | 8,119        | 977     | 17,676       |
| Totals .....                          | " 6,255                             | 81,396       | 995   | 11,879       | 7,250   | 93,275       |
| Non-revenue hours flown .....         | " 362                               | 4,611        | 51  | 485          | 413     | 5,096        |
| Fuel and oil consumed:                |                                     |              |   |              |         |              |
| Gasoline .....                        | gal. 121,317                        | 1,422,187    | 12,051  | 125,545      | 133,368 | 1,547,732    |
| Cost .....                            | \$ 55,421                           | 660,799      | 5,127   | 66,912       | 60,548  | 727,711      |
| Oil .....                             | gal. 2,073                          | 24,212       | 171   | 2,014        | 2,244   | 26,226       |
| Cost .....                            | \$ 3,165                            | 41,464       | 256   | 3,010        | 3,421   | 44,474       |
| Average number of employees:          |                                     |              |   |              |         |              |
| Pilots .....                          | No. 175                             | 176          | 18  | 14           | 193     | 190          |
| Administrative .....                  | " 66                                | 58           | 2   | 1            | 68      | 59           |
| Maintenance labour .....              | " 170                               | 159          | 10  | 8            | 180     | 167          |
| Other personnel .....                 | " 13                                | 9            | -   | -            | 13      | 9            |
| Totals .....                          | " 424                               | 402          | 30  | 23           | 454     | 425          |
| Salaries and wages:                   |                                     |              |   |              |         |              |
| Pilots .....                          | \$ 146,094                          | 1,411,552    | 12,927  | 109,052      | 159,021 | 1,521,203    |
| Administrative .....                  | \$ 37,657                           | 368,032      | 1,500   | 11,800       | 39,157  | 379,832      |
| Maintenance labour .....              | \$ 86,959                           | 836,020      | 5,117   | 49,967       | 92,076  | 885,987      |
| Other personnel .....                 | \$ 2,807                            | 26,107       | -   | -            | 2,807   | 26,107       |
| Totals .....                          | \$ 273,517                          | 2,641,711    | 19,544  | 170,819      | 293,061 | 2,813,129    |



TABLE 10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV  
October 1965

|  | Current month | Year to date |
|--|---------------|--------------|
|  | dollars       |              |
| Operating revenues:                      |               |              |
| Unit toll transportation:                |               |              |
| Passengers .....                         | -             | -            |
| Express .....                            | -             | -            |
| Freight .....                            | -             | -            |
| Excess baggage .....                     | -             | -            |
| Mail .....                               | -             | -            |
| Total unit toll transportation .....     | -             | -            |
| Bulk transportation .....                | 770,646       | 8,537,003    |
| Total transportation .....               | 770,646       | 8,537,003    |
| Other flying services .....              | 45,841        | 1,027,629    |
| Total flying services .....              | 816,487       | 9,564,632    |
| Non-flying services .....                | 56,974        | 231,024      |
| Total operating revenues .....           | 873,461       | 9,795,656    |
| Operating expenses:                      |               |              |
| Flying operations .....                  | 331,456       | 3,464,261    |
| Maintenance .....                        | 301,897       | 2,730,040    |
| General service and administration ..... | 129,582       | 916,997      |
| Depreciation and amortization .....      | 90,509        | 1,037,395    |
| Total operating expenses .....           | 853,444       | 8,148,693    |
| Operating income (deficit) .....         | 20,017        | 1,646,963    |
| Non-operating income:                    |               |              |
| Capital gains and losses .....           | 15,493        | 103,017      |
| Interest and discounts .....             | -             | 3,859        |
| Miscellaneous non-operating income ..... | 20,665        | 41,403       |
| Income before interest expense .....     | 56,175        | 1,795,242    |
| Interest expense .....                   | 25,280        | 202,205      |
| Income before income taxes .....         | 30,895        | 1,593,037    |
| Provision for income taxes .....         | 1,297         | 141,211      |
| Net income after income taxes .....      | 29,598        | 1,451,826    |



CIVIL AVIATION DEFINITIONS(1)

- Bulk Transportation:
- (1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4); and
  - (2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).

Classification of Canadian Carriers by Groups

- Group I Carriers: Canadian Air Carriers licensed to perform both domestic and international scheduled services. (Air Canada and Canadian Pacific Air Lines Ltd.).
- Group II Carriers: Canadian Air Carriers other than Group I carriers licensed to perform domestic scheduled services and Nordair Ltd.(2).
- Group III Carriers: Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$500,000 or over (excepting air carriers included in Group I and II).
- Group IV Carriers: Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$100,000 and over, but less than \$500,000.
- Group V Carriers: Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of less than \$100,000.

Cargo: Air freight and air express (excluding mail and excess baggage).

Carrier, Air: Any person who operates aircraft in or over Canada for hire or reward.

Non-Scheduled Carriers: Carriers not operating any scheduled (Class I) service.

Scheduled Carriers: Air Carriers serving designated points in accordance with a service schedule and at a toll per unit.

Express, Air: It is a package service operated within the U.S.A. and Canada only; the rates cover door-to-door service. Because Air Express shipments are carried on all flights and take priority over Air Freight and because Express shipments receive priority on the ground too, they take higher rates.

- (1) Reference to Classes refers to the classification of air carriers as defined by the Air Transport Board and published in the "Directory of Canadian Commercial Air Services" Queen's Printer, Ottawa.
- (2) For statistical purposes in this report, Nordair Ltd. is included with Group III carriers.

Freedoms of the Air:

- First Freedom: The privilege to fly over the territory of a foreign country without landing.
- Second Freedom: The privilege to land on the territory of a foreign country for non-traffic purposes.
- Third Freedom: The privilege to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
- Fourth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
- Fifth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the privilege to put down in a foreign country, passengers, mail and cargo coming from any such territory.

Freight, Air:

Articles carried on regular flights at standard per pound rates when space is available.

Goods:

Air Cargo (freight and express) plus mail and excess baggage.

Interline Traffic:

- Domestic Interline: Passengers and goods received by a carrier at Canadian points from other Canadian Air Carriers.
- Foreign Interline: Passengers and goods received by a carrier from Foreign Air Carriers.
- Divisional Interline: Passengers and goods received from other operating divisions of the same carrier.

International Services:

- Trans-Border Services: Services between Canada and the United States.
- Southern Services: Services between Canada and Bermuda, the Caribbean, Mexico, Central or South America.
- Trans-Atlantic and Polar Services: Services between Canada and Europe.
- Pacific and Orient Services: Services between Canada and points in the Pacific Ocean or the Orient.

Load Capacity Available:

Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, stewards' supplies, etc.

|                                   |  |
|-----------------------------------|--|
| <u>Load Factor, Passenger:</u>    | Ratio of revenue passenger-miles performed to available seat-miles.  |
| <u>Load Factor, Weight:</u>       | - See Weight, Load-Factor.   |
| <u>Miles:</u>                     | Statute miles of 5,280 ft.   |
| <u>Passenger:</u>                 | A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger. A round trip passenger is counted as two passengers.   |
| Passenger Load-Factor:            | - See Load Factor, Passenger.  |
| Passenger-Mile:                   | The transportation of one passenger one mile.  |
| Non-Revenue Passenger:            | A child or adult carried on a revenue transportation flight for whom no fare is collected, including company personnel.  |
| Revenue Passenger:                | A child or adult for which a fare or part of a fare is paid.   |
| <u>Seat-Miles Available:</u>      | Seats available for the transportation of passengers multiplied by the miles flown on each inter-station flight.   |
| <u>Specialty Flying Services:</u> | Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising.   |
| <u>Tons:</u>                      | Short tons of 2,000 lbs.   |
| <u>Ton-Mile:</u>                  | The transportation of one ton of goods one mile.   |
| <u>Ton-Miles Available:</u>       | Available load capacity multiplied by miles flown on each inter-station flight.  |
| <u>Unit Toll Transportation:</u>  | Public transportation of passengers and goods at a toll per unit. It includes: <ul style="list-style-type: none"><li>(i) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class I); and</li><li>(ii) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3).</li></ul> |
| <u>Weight Load Factor:</u>        | Ratio of revenue ton-miles performed to available ton-miles.   |





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## SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures are not available.
- ... Figures not appropriate or not applicable.
- Nil or zero.

## INTRODUCTION

"Civil Aviation" reports are prepared from monthly and quarterly schedules filed with the Air Transport Board and the Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly returns filed with the Dominion Bureau of Statistics by foreign air carriers operating in Canada.

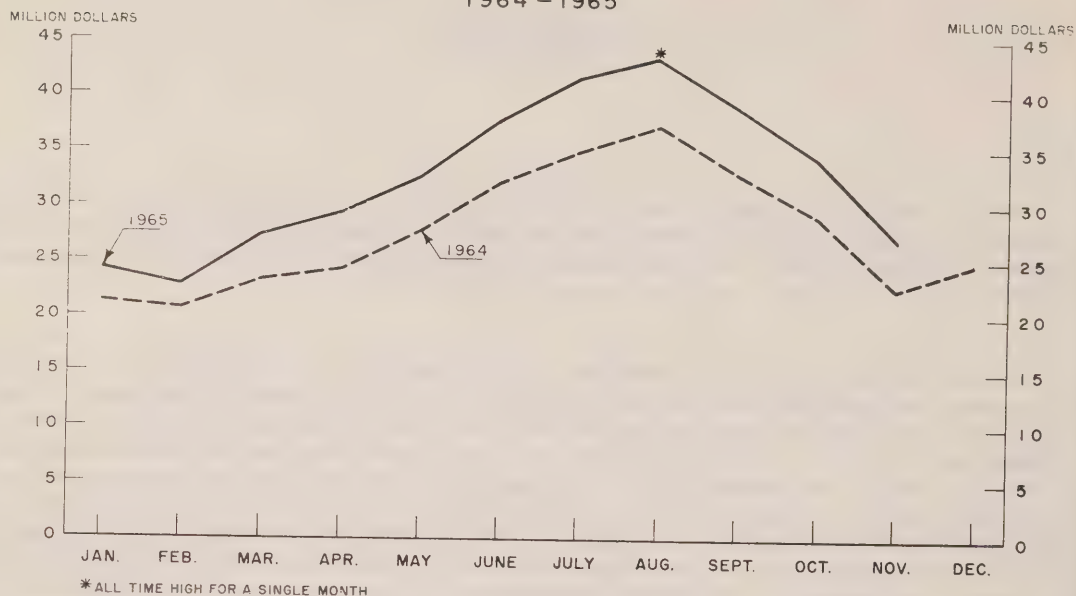
For reporting purposes, Canadian air carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. These groups are described on page twenty of this publication along with other definitions. It should be noted that the definition of each of the five groups was revised as of 1st January 1964. In January 1965, 3 former Group IV carriers were promoted to Group III, 1 Group III carrier was transferred to Group IV and 7 Group V carriers were transferred to Group IV. It should also be noted that Nordair Ltd., classified as a Group II carrier by the Air Transport Board, is included with Group III carriers for statistical purposes. Group V is comprised of small air carriers required to file returns on a quarterly basis only. Data on their operations are excluded from the other carrier statistics appearing throughout the report.

Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. A complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

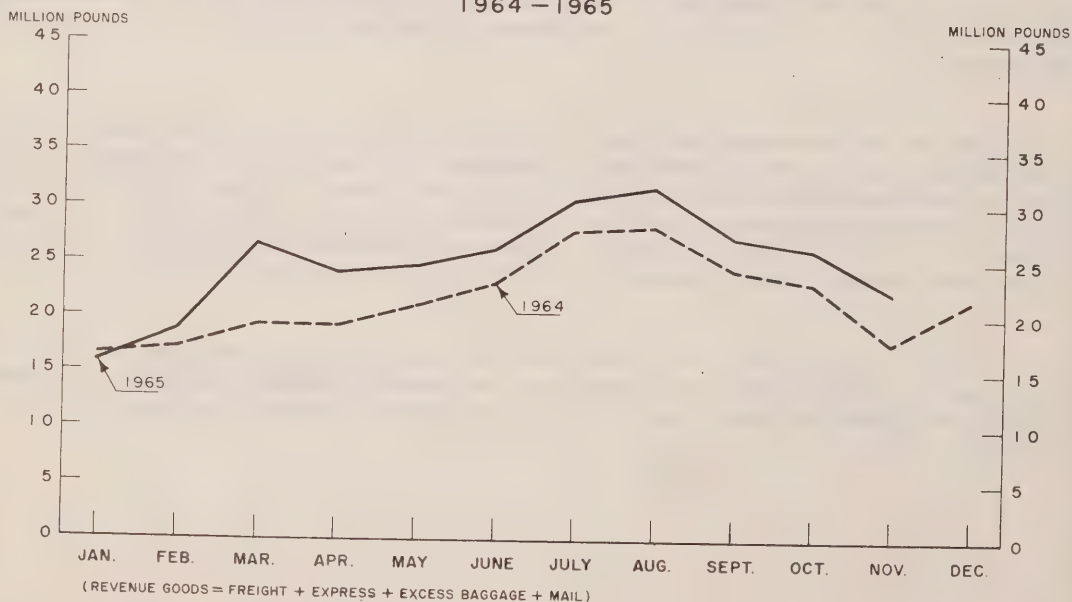
Domestic and international operations of Canadian carriers are combined in all tables except Table 6 which provides a breakdown of domestic and international operations for Canadian carriers operating international unit toll and bulk services. It should be noted that there are only two Canadian carriers which operate international services on a unit toll basis; however there are other Canadian carriers, in addition to these two carriers, which operate international flights on a bulk or charter basis.

Table 7 provides data on traffic leaving and entering Canada on an area of service basis. Passengers, cargo and mail in transit through Canada are excluded. The table contains the operations of both Canadian and Foreign carriers with separate totals for each.

# OPERATING REVENUE OF CANADIAN AIR CARRIERS 1964 - 1965



# REVENUE GOODS CARRIED BY CANADIAN AIR CARRIERS 1964 - 1965



## REVIEW OF NOVEMBER OPERATIONS

(November 1964 figures in brackets)

Increases were reported in the transportation of both revenue passengers and revenue goods by Canadian air carriers during the month of November compared with November 1964. The number of passengers carried totalled 462,870 (417,903) an increase of 10.8 per cent. The weight of goods transported rose to 11,023 (8,870) tons, an increase of 24.3 per cent. Revenue miles flown increased 19.0 per cent to 7,880,473 (6,624,689).

Unit toll and bulk transportation services performed by Canadian carriers accounted for a total of 321,526,513 (282,186,106) passenger-miles and 11,504,720 (8,585,059) goods ton-miles. Unit toll services made up 97.9 per cent of the total passenger-miles and 90.4 per cent of the total goods ton-miles.

November operating revenues showed an 18.4 per cent increase over November 1964 to \$26,662,554 (\$22,519,125) while operating expenses rose 22.1 per cent to \$30,399,968 (\$24,900,294) resulting in an operating loss of \$3,737,414 and a loss after taxes of \$4,389,069.

Fourteen carriers who operated helicopters exclusively reported a total of 5,437 (2,441) hours flown by 164 (148) machines. Eight carriers operating both fixed-wing craft and helicopters reported a total of 356 (267) helicopter-hours flown by 24 (16) machines. Operating revenues by helicopter-only carriers for the month of November amounted to \$849,185 (\$333,665) while operating expenses amounted to \$844,842 (\$546,022).

During November the six scheduled carriers transported 441,382 (395,851) revenue passengers and 9,640 (7,515) tons of revenue goods which amounted to 95.4 per cent of the total number of passengers and 87.5 per cent of the total weight of goods carried by all Canadian carriers. Operating revenues of scheduled carriers amounted to \$24,451,565 (\$21,064,478) or 91.7 per cent of all Canadian carrier revenues. Operating expenses of scheduled carriers amounted to \$27,678,250 (\$22,731,639) or 91.0 per cent of all Canadian air carrier expenses.

Revenue passenger-miles performed by Canadian carriers in international unit toll service in November amounted to 127,645,901 (105,748,964) or 39.7 per cent of the total unit toll passenger-miles performed by Canadian carriers. International services performed by Canadian carriers calculated according to passenger-miles travelled were divided by area as follows:

| <u>Area</u>                    | <u>Percentage</u> |
|--------------------------------|-------------------|
| Trans-Border .....             | 23.6              |
| Trans-Atlantic and Polar ..... | 36.7              |
| Southern .....                 | 23.5              |
| Pacific and Orient .....       | 16.2              |
| Totals .....                   | 100.0             |

### Foreign Carriers

Foreign carriers licensed to operate in Canada transported 86,551 (71,805) revenue passengers during November, and increase of 20.5 per cent over November 1964. Weight of revenue goods carried totalled 1,807 (1,238) tons, an increase of 46.0 per cent over the same period in 1964. Foreign carriers report hours and miles flown over Canadian territory only. Statistics concerning passengers and goods in transit have been excluded.

### Cumulative Figures for the Year to Date (Canadian Carriers)

Compared with the same period in 1964 the first eleven months of 1965 showed an increase of 12.7 per cent to 6,008,165 (5,331,468) in the number of revenue passengers carried, while the weight of revenue goods carried rose 11.6 per cent to 135,445 (121,317) tons. Passenger-miles performed by Canadian carriers totalled 4,775,645,717 (4,061,355,323) while goods ton-miles totalled 113,174,202 (95,570,836) for the first eleven months of the year. Operating revenues increased 18.1 per cent to \$361,974,117 (\$306,589,755) while operating expenses increased 17.5 per cent to \$334,458,700 (\$284,704,768).



TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

November 1965

|                                      | Canadian carriers  |               |                        |           |  | Total Canadian carriers | Foreign carriers (2)   |                            | Grand total all carriers | Year to date  |
|--------------------------------------|--------------------|---------------|------------------------|-----------|--|-------------------------|------------------------|----------------------------|--------------------------|---------------|
|                                      | Scheduled carriers |               | Non-scheduled carriers |           |  |                         | United States carriers | Other Foreign carriers (3) |                          |               |
|                                      | Group I and II (1) | Group III (1) | Group IV               | Total     |  |                         |                        |                            |                          |               |
| Number of carriers reporting ...     | 6                  | 15            | 55                     | 70        |  | 76                      | 10                     | 9                          | 95                       | ..            |
| Revenue transportation services:     |                    |               |                        |           |  |                         |                        |                            |                          |               |
| Unit toll:                           |                    |               |                        |           |  |                         |                        |                            |                          |               |
| Departures .....                     | 18,392             | 1,434         | 859                    | 2,293     |  | 20,685                  | ..                     | ..                         | ..                       | ..            |
| Hours flown .....                    | 23,783             | 1,740         | 391                    | 2,131     |  | 25,914                  | 270                    | 884                        | 27,068                   | 322,741       |
| Miles scheduled .....                | 6,123,914          | ...           | ...                    | ...       |  | 6,123,914               | 83,252                 | 357,551                    | 6,564,717                | 76,258,334    |
| Miles flown (4):                     |                    |               |                        |           |  |                         |                        |                            |                          |               |
| Scheduled .....                      | 6,203,168          | ...           | ...                    | ...       |  | 6,203,168               | 74,065                 | 357,169                    | 6,634,402                | 77,730,309    |
| Non-scheduled .....                  | 251,873            | 221,145       | 43,337                 | 264,482   |  | 516,355                 | ...                    | ...                        | 516,355                  | 7,267,602     |
| Totals .....                         | 6,455,041          | 221,145       | 43,337                 | 264,482   |  | 6,719,523               | 74,065                 | 357,169                    | 7,150,757                | 84,997,911    |
| Passengers carried .....             | 434,801            | 6,755         | 1,561                  | 8,316     |  | 443,117                 | 67,125                 | 19,069                     | 529,311                  | 6,582,257     |
| Goods carried:                       |                    |               |                        |           |  |                         |                        |                            |                          |               |
| Cargo .....                          | 13,536,774         | 306,572       | 67,234                 | 373,806   |  | 13,910,580              | 1,050,116              | 2,236,702                  | 17,377,775               | 162,735,161   |
| Excess baggage .....                 | 122,368(5)         | 51,452        | 6,157                  | 58,009    |  | 180,377(5)              | 169,291                | 157,044                    | 4,439,848                | 48,103,690    |
| Mail .....                           | 4,017,158          | 70,746        | 23,609                 | 96,355    |  | 4,113,513               | 1,219,407              | 2,393,746                  | 21,817,623               | 210,838,851   |
| Totals .....                         | 17,676,300         | 428,770       | 99,400                 | 528,170   |  | 18,204,470              | 2,747,964              | 16,066,391                 | 333,595,224              | 4,671,412,739 |
| Passenger-miles .....                | 313,548,514        | 1,107,331     | 124,824                | 1,232,355 |  | 314,780,869             | ...                    | ...                        | ...                      | ...           |
| Goods ton-miles:                     |                    |               |                        |           |  |                         |                        |                            |                          |               |
| Cargo .....                          | 8,187,125          | 98,260        | 3,515                  | 101,775   |  | 8,288,900               | 23,723                 | 810,360                    | 9,356,588                | 86,469,658    |
| Excess baggage .....                 | 229,021            | 4,265         | 319                    | 4,584     |  | 233,605                 | 3,637                  | 67,807                     | 1,952,102                | 19,776,372    |
| Mail .....                           | 1,854,656          | 24,238        | 1,764                  | 26,002    |  | 1,880,658               | 27,360                 | 878,167                    | 11,308,690               | 106,246,030   |
| Totals .....                         | 10,270,802         | 126,763       | 5,598                  | 132,361   |  | 10,403,163              | ...                    | ...                        | ...                      | ...           |
| Bulk:                                |                    |               |                        |           |  |                         |                        |                            |                          |               |
| Departures .....                     | 1,681              | 1,518         | 5,917                  | 7,435     |  | 9,116                   | ..                     | ..                         | ..                       | ..            |
| Hours flown .....                    | 2,282              | 4,323         | 7,001                  | 11,324    |  | 13,606                  | 2                      | 19                         | 13,627                   | 304,754       |
| Miles flown .....                    | 351,840            | 209,990       | 599,120                | 809,110   |  | 1,160,950               | 411                    | 8,950                      | 1,170,311                | 29,926,733    |
| Passengers carried .....             | 6,581              | 4,279         | 8,893                  | 13,172    |  | 19,753                  | 200                    | 157                        | 20,110                   | 643,928       |
| Freight carried .....                | 1,604,453          | 1,312,641     | 925,078                | 2,237,719 |  | 3,842,172               | -                      | -                          | 3,842,172                | 105,859,213   |
| Passenger-miles (6) .....            | 5,371,972          | 1,113,804     | 259,868                | 1,373,672 |  | 6,745,644               | ...                    | ...                        | ...                      | ...           |
| Goods ton-miles (6) .....            | 386,335            | 713,532       | 1,690                  | 715,222   |  | 1,101,557               | ...                    | ...                        | ...                      | ...           |
| Revenue non-transportation services: |                    |               |                        |           |  |                         |                        |                            |                          |               |
| Specialty flying - Hours flown "     | 146                | 2,237         | 4,794                  | 7,031     |  | 7,177                   | -                      | -                          | 7,177                    | 119,293       |

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

November 1965

|                                    | Canadian carriers                        |                        |           |           |                         | Foreign carriers(2)    |                           |               | Grand total all carriers | Year to date |
|------------------------------------|--|------------------------|-----------|-----------|-------------------------|------------------------|---------------------------|---------------|--------------------------|--------------|
|                                    | Scheduled carriers<br>Groups I and II(1) | Non-scheduled carriers |           |           | Total Canadian carriers | United States carriers | Other Foreign carriers(3) |               |                          |              |
|                                    |  | Group III(1)           | Group IV  | Total     |                         |                        |                           |               |                          |              |
| Total - All services:              |  |                        |           |           |                         |                        |                           |               |                          |              |
| Revenue:                           |  |                        |           |           |                         |                        |                           |               |                          |              |
| Traffic, miles and hours:(7)       |  |                        |           |           |                         |                        |                           |               |                          |              |
| Departures .....                   | 20,073                                   | 2,952                  | 6,776     | 9,728     | 29,801                  | ..                     | ..                        | ..            | ..                       | ..           |
| Hours flown .....                  | 26,211                                   | 8,300                  | 12,186    | 20,486    | 46,697                  | 272                    | 903                       | 47,872        | 8,321,068                | 746,788      |
| Miles flown .....                  | 6,806,881                                | 431,135                | 642,457   | 1,073,592 | 7,880,473               | 74,476                 | 366,119                   | 8,321,068     | 114,924,644              | ..           |
| Passengers carried .....           | 441,382                                  | 11,034                 | 10,454    | 21,488    | 462,870                 | 67,325                 | 19,226                    | 549,421       | 7,226,185                | ..           |
| Cargo carried .....                | 15,141,227                               | 1,619,213              | 992,312   | 2,611,525 | 17,933,129(8)           | 1,050,116(8)           | 2,236,702(8)              | 21,219,947(8) | 268,594,374(8)           | ..           |
| Goods carried .....                | 19,280,753                               | 1,741,411              | 1,024,478 | 2,765,889 | 22,046,642              | 1,219,407              | 2,393,746                 | 25,659,795    | 316,698,064              | ..           |
| Passenger-miles(6) .....           | 318,920,486                              | 2,221,335              | 384,692   | 2,606,027 | 321,526,513             | ..                     | ..                        | ..            | ..                       | ..           |
| Goods ton-miles(6) .....           | 10,657,137                               | 840,295                | 7,288     | 847,583   | 11,504,720              | ..                     | ..                        | ..            | ..                       | ..           |
| Non-revenue:                       |  |                        |           |           |                         |                        |                           |               |                          |              |
| Hours flown .....                  | 1,278                                    | 5,565                  | 645       | 6,210     | 7,488                   | 2                      | 2                         | 7,492         | 32,176                   | ..           |
| Passengers carried .....           | 2,862                                    | 93                     | 3         | 96        | 2,958                   | 1,338                  | 549                       | 4,845         | 53,589                   | ..           |
| Goods carried .....                | 219,522                                  | 37,265                 | 200       | 37,465    | 256,987                 | 22,637                 | 64,566                    | 344,190       | 3,935,720                | ..           |
| Passenger-miles .....              | 18,577,412                               | 129,629                | -         | 129,629   | 18,707,041              | 53,776                 | 302,868                   | 19,063,685    | 211,165,826              | ..           |
| Goods ton-miles .....              | 547,436                                  | 22,185                 | -         | 22,185    | 569,621                 | 375                    | 24,066                    | 594,062       | 7,750,019                | ..           |
| Fuel and oil consumed:             |  |                        |           |           |                         |                        |                           |               |                          |              |
| Turbo fuel - Quantity .....        | 16,984,148                               | -                      | 36,168    | 36,168    | 17,020,316              | 151,725                | 2,584,488                 | 19,756,529    | 266,730,301              | ..           |
| Cost .....                         | 2,359,715                                | -                      | 12,889    | 12,889    | 2,372,604               | 26,483                 | 406,538                   | 2,805,625     | 38,592,806               | ..           |
| Gasoline - Quantity .....          | 1,152,995                                | 333,754                | 174,053   | 507,807   | 1,660,802               | 1,064                  | 35,528                    | 1,697,394     | 25,501,831               | ..           |
| Cost .....                         | 375,126                                  | 122,962                | 82,609    | 205,571   | 580,697                 | 425                    | 11,462                    | 592,584       | 9,366,402                | ..           |
| Turbo oil - Quantity .....         | 3,732                                    | -                      | 5         | 5         | 3,737                   | 56                     | 52                        | 3,845         | 45,602                   | ..           |
| Cost .....                         | 32,185                                   | -                      | 68        | 68        | 32,253                  | 320                    | 480                       | 33,053        | 414,930                  | ..           |
| Other oil - Quantity .....         | 14,786                                   | 4,887                  | 3,386     | 8,273     | 23,059                  | -                      | 64                        | 23,123        | 322,721                  | ..           |
| Cost .....                         | 15,600                                   | 7,436                  | 5,364     | 12,800    | 28,400                  | -                      | 106                       | 28,506        | 418,467                  | ..           |
| Average number of employees:       |  |                        |           |           |                         |                        |                           |               |                          |              |
| Pilots and co-pilots .....         | 1,128                                    | 293                    | 315       | 608       | 1,736                   | ..                     | ..                        | ..            | ..                       | ..           |
| Other flight personnel .....       | 1,175                                    | 12                     | 33        | 45        | 1,220                   | ..                     | ..                        | ..            | ..                       | ..           |
| General management .....           | 328                                      | 82                     | 113       | 195       | 523                     | ..                     | ..                        | ..            | ..                       | ..           |
| Maintenance labour .....           | 3,938                                    | 326                    | 289       | 615       | 4,553                   | ..                     | ..                        | ..            | ..                       | ..           |
| Aircraft & traffic servicing ..... | 5,691                                    | 97                     | 45        | 142       | 5,833                   | ..                     | ..                        | ..            | ..                       | ..           |
| Other personnel .....              | 4,918                                    | 211                    | 262       | 473       | 5,391                   | ..                     | ..                        | ..            | ..                       | ..           |
| Totals .....                       | 17,178                                   | 1,021                  | 1,057     | 2,078     | 19,256                  | 290                    | 668                       | 20,214        | 19,543                   | ..           |
| Salaries and wages paid:           |  |                        |           |           |                         |                        |                           |               |                          |              |
| Pilots and co-pilots .....         | 1,405,455                                | 213,497                | 194,582   | 408,079   | 1,813,534               | ..                     | ..                        | ..            | ..                       | ..           |
| Other flight personnel .....       | 558,711                                  | 8,600                  | 12,151    | 20,751    | 579,462                 | ..                     | ..                        | ..            | ..                       | ..           |
| General management .....           | 303,063                                  | 64,161                 | 78,430    | 142,591   | 445,654                 | ..                     | ..                        | ..            | ..                       | ..           |
| Maintenance labour .....           | 2,173,836                                | 156,220                | 128,695   | 284,915   | 2,458,751               | ..                     | ..                        | ..            | ..                       | ..           |
| Aircraft & traffic servicing ..... | 2,802,589                                | 45,751                 | 13,955    | 59,706    | 2,862,295               | ..                     | ..                        | ..            | ..                       | ..           |
| Other personnel .....              | 2,574,279                                | 83,662                 | 96,163    | 179,825   | 2,754,104               | ..                     | ..                        | ..            | ..                       | ..           |
| Totals .....                       | 9,817,933                                | 571,891                | 523,976   | 1,095,867 | 10,913,800              | 157,314                | 350,692                   | 11,421,806    | 122,663,433              | ..           |

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

(2) See "Foreign Carriers", page 7, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Air Canada.

(6) Excludes chartered aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(7) These data exclude non-transportation services, except for hours flown.

(8) Includes excess baggage.

(9) Data in Tables 4, 5, 6, 7, 8 and 9 included in this table.

TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group

November 1965

|                                       | Scheduled carriers |             |               | Non-scheduled carriers |             |             | Grand total   | Year to date |
|---------------------------------------|--------------------|-------------|---------------|------------------------|-------------|-------------|---------------|--------------|
|                                       | Group I            | Group II(1) | Total         | Group III(1)           | Group IV    | Total       |               |              |
|                                       |                    |             |               |                        |             |             | dollars       |              |
| Operating revenues:                   |                    |             |               |                        |             |             |               |              |
| Unit toll transportation:             |                    |             |               |                        |             |             |               |              |
| Passengers .....                      | 18,200,752         | 1,035,754   | 19,236,506    | 170,291                | 21,067      | 191,358     | 19,427,864    | 261,125,787  |
| Express .....                         | 521,285            | 28,895      | 550,180       | 2,613                  | 1,664       | 4,277       | 554,457       | 5,261,573    |
| Freight .....                         | 1,798,834          | 218,623     | 2,017,457     | 60,176                 | 5,510       | 65,686      | 2,083,143     | 20,056,721   |
| Excess baggage .....                  | 136,311            | 18,163      | 154,474       | 5,476                  | 695         | 6,171       | 160,645       | 1,820,507    |
| Mail .....                            | 1,346,956          | 129,337     | 1,476,293     | 31,861                 | 5,869       | 37,730      | 1,514,023     | 16,416,670   |
| Total unit toll transportation ..     | 22,004,138         | 1,430,772   | 23,434,910    | 270,417                | 34,805      | 305,222     | 23,740,132    | 304,681,258  |
| Bulk transportation .....             | 181,010            | 400,726     | 581,736       | 707,519                | 691,608     | 1,399,127   | 1,980,863     | 45,399,755   |
| Total transportation .....            | 22,185,148         | 1,831,498   | 24,016,646    | 977,936                | 726,413     | 1,704,349   | 25,720,995    | 350,081,013  |
| Other flying services .....           | 4,042              | 20,946      | 24,988        | 147,292                | 180,893     | 328,185     | 353,173       | 7,097,086    |
| Total flying services .....           | 22,189,190         | 1,852,444   | 24,041,634    | 1,125,228              | 907,306     | 2,032,534   | 26,074,168    | 357,178,099  |
| Non-flying services .....             | 372,165            | 37,766      | 409,931       | 112,864                | 65,591      | 178,455     | 588,386       | 4,796,018    |
| Total operating revenues .....        | 22,561,355         | 1,890,210   | 24,451,565    | 1,238,092              | 972,897     | 2,210,989   | 26,662,554    | 361,974,117  |
| Operating expenses:                   |                    |             |               |                        |             |             |               |              |
| Flying operations .....               | 5,791,351          | 704,730     | 6,496,081     | 577,485                | 542,417     | 1,119,902   | 7,615,983     | 89,775,287   |
| Maintenance .....                     | 5,657,482          | 708,744     | 6,366,226     | 414,570                | 373,540     | 788,110     | 7,154,336     | 74,786,343   |
| General services and administration:  |                    |             |               |                        |             |             |               |              |
| Passenger service .....               | 1,991,799          | 79,520      | 2,071,319     | ..                     | ..          | ..          | ..            | ..           |
| Aircraft and traffic servicing .....  | 3,699,886          | 331,162     | 4,031,048     | ..                     | ..          | ..          | ..            | ..           |
| Promotion and sales .....             | 4,032,241          | 151,331     | 4,183,572     | ..                     | ..          | ..          | ..            | ..           |
| General administration .....          | 1,100,803          | 161,007     | 1,261,810     | ..                     | ..          | ..          | ..            | ..           |
| Totals .....                          | 10,824,729         | 723,020     | 11,547,749    | 306,419                | 298,791     | 605,210     | 12,152,959    | 134,005,163  |
| Depreciation and amortization .....   | 3,150,465          | 117,729     | 3,268,194     | 115,088                | 93,408      | 208,496     | 3,476,690     | 35,911,907   |
| Total operating expenses .....        | 25,424,027         | 2,254,223   | 27,678,250    | 1,413,562              | 1,308,156   | 2,721,718   | 30,399,968    | 334,458,700  |
| Operating income (loss) .....         | Dr. 2,862,672      | Dr. 364,013 | Dr. 3,226,685 | Dr. 175,470            | Dr. 335,259 | Dr. 510,729 | Dr. 3,737,414 | 27,515,417   |
| Non-operating income - Net:           |                    |             |               |                        |             |             |               |              |
| Capital gains and losses .....        | -                  | 17,540      | 17,540        | Dr. 25,177             | Dr. 3,375   | Dr. 28,552  | Dr. 11,012    | 675,261      |
| Interest and discounts .....          | 361,997            | 182         | 362,179       | 2,396                  | 4,533       | 6,929       | 369,108       | 2,941,861    |
| Miscellaneous non-operating income .. | Dr. 38,498         | Dr. 5,262   | Dr. 43,760    | 21,953                 | 8,626       | 30,579      | Dr. 13,181    | 283,312      |
| Income before interest expense .....  | Dr. 2,539,173      | Dr. 351,553 | Dr. 2,890,726 | Dr. 176,298            | Dr. 325,475 | Dr. 501,773 | Dr. 3,392,499 | 30,849,227   |
| Interest expense .....                | 931,779            | 44,325      | 976,104       | 44,918                 | 31,885      | 76,803      | 1,052,907     | 11,775,354   |
| Income before income taxes .....      | Dr. 3,470,952      | Dr. 395,878 | Dr. 3,866,830 | Dr. 221,216            | Dr. 357,360 | Dr. 578,576 | Dr. 4,445,406 | 19,073,873   |
| Provision for income taxes .....      | -                  | 8,462       | Dr. 8,462     | Cr. 47,868             | Cr. 16,931  | Cr. 64,799  | Cr. 56,337    | 1,012,821    |
| Net income after income taxes .....   | Dr. 3,470,952      | Dr. 404,340 | Dr. 3,875,292 | Dr. 173,348            | Dr. 340,429 | Dr. 513,777 | Dr. 4,389,069 | 18,061,052   |

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

(2) Data in Tables 3, 8 and 10 included in this table.

TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

November 1965

|                                       | Air<br>Canada | Canadian<br>Pacific<br>Air Lines | Eastern<br>Provincial<br>Airways<br>(1963) | Pacific<br>Western<br>Airlines | Quebecair<br>Inc. | Transair<br>Ltd. | Total         | Year<br>to<br>date |
|---------------------------------------|---------------|----------------------------------|--|--------------------------------|-------------------|------------------|---------------|--------------------|
| Operating revenues:                   |               |                                  |  |                                |                   |                  |               |                    |
| Unit toll transportation:             |               |                                  |  |                                |                   |                  |               |                    |
| Passengers .....                      | 14,253,172    | 3,947,580                        | 151,183                                    | 451,065                        | 282,194           | 151,312          | 19,236,506    | 257,856,881        |
| Express .....                         | 483,194       | 38,091                           | 6,044                                      | 19,057                         | -                 | 3,794            | 550,180       | 5,158,219          |
| Freight .....                         | 1,347,449     | 451,385                          | 64,535                                     | 95,231                         | 46,463            | 12,394           | 2,017,457     | 18,939,267         |
| Excess baggage .....                  | 89,894        | 46,417                           | 2,621                                      | 9,629                          | 5,478             | 435              | 154,474       | 1,750,887          |
| Mail .....                            | 1,042,434     | 304,522                          | 34,801                                     | 57,255                         | 8,058             | 29,223           | 1,476,293     | 15,789,563         |
| Total unit toll transportation ..     | 17,216,143    | 4,787,995                        | 259,184                                    | 632,237                        | 342,193           | 197,158          | 23,434,910    | 299,494,817        |
| Bulk transportation .....             | 101,021       | 79,989                           | 54,483                                     | 172,752                        | 4,384             | 169,107          | 581,736       | 17,496,562         |
| Total transportation .....            | 17,317,164    | 4,867,984                        | 313,667                                    | 804,989                        | 346,577           | 366,265          | 24,016,646    | 316,991,379        |
| Other flying services .....           | 4,042         | -                                | 20,946                                     | -                              | -                 | -                | 24,988        | 544,046            |
| Total flying services .....           | 17,321,206    | 4,867,984                        | 334,613                                    | 804,989                        | 346,577           | 366,265          | 24,041,634    | 317,535,425        |
| Non-flying services .....             | 276,167       | 95,998                           | 25,228                                     | 2,270                          | 6,970             | 3,298            | 409,931       | 2,530,740          |
| Total operating revenues .....        | 17,597,373    | 4,963,982                        | 359,841                                    | 807,259                        | 353,547           | 369,563          | 24,451,565    | 320,066,165        |
| Operating expenses:                   |               |                                  |  |                                |                   |                  |               |                    |
| Flying operations .....               | 4,121,046     | 1,670,305                        | 134,549                                    | 289,459                        | 102,834           | 177,888          | 6,496,081     | 73,958,028         |
| Maintenance .....                     | 4,625,619     | 1,031,863                        | 185,027                                    | 200,217                        | 144,346           | 179,154          | 6,366,226     | 63,801,886         |
| General services and administrations: |               |                                  |  |                                |                   |                  |               |                    |
| Passenger service .....               | 1,628,450     | 363,349                          | 14,165                                     | 30,541                         | 16,743            | 18,071           | 2,071,319     | 24,641,690         |
| Aircraft and traffic servicing .....  | 3,092,617     | 607,269                          | 130,367                                    | 145,278                        | 35,732            | 19,785           | 4,031,048     | 42,259,534         |
| Promotion and sales .....             | 2,896,064     | 1,136,177                        | 9,283                                      | 20,994                         | 68,520            | 52,534           | 4,183,572     | 47,598,640         |
| General administration .....          | 903,607       | 197,196                          | 34,421                                     | 62,260                         | 39,845            | 24,481           | 1,261,810     | 12,623,394         |
| Totals .....                          | 8,520,738     | 2,303,991                        | 186,236                                    | 259,073                        | 160,840           | 114,871          | 11,547,749    | 127,123,258        |
| Depreciation and amortization .....   | 2,969,878     | 180,587                          | 46,418                                     | 31,630                         | 23,668            | 16,013           | 3,268,194     | 32,620,013         |
| Total operating expenses .....        | 20,237,281    | 5,186,746                        | 554,230                                    | 780,379                        | 431,688           | 487,926          | 27,678,250    | 297,503,185        |
| Operating income (loss) .....         | Dr. 2,639,908 | Dr. 222,764                      | Dr. 194,389                                | Dr. 26,880                     | Dr. 78,141        | Dr. 118,363      | Dr. 3,226,685 | 22,562,980         |
| Non-operating income - Net:           |               |                                  |  |                                |                   |                  |               |                    |
| Capital gains and losses .....        | -             | -                                | -  | 2,401                          | -                 | 15,139           | 17,540        | 291,407            |
| Interest and discounts .....          | 288,121       | 73,876                           | 12   | -                              | -                 | 170              | 362,179       | 2,884,961          |
| Miscellaneous non-operating income .. | 7,251         | Dr. 45,749                       | 10   | Dr. 2,373                      | Dr. 223           | Dr. 2,676        | Dr. 43,760    | Dr. 359,995        |
| Income before interest expense .....  | Dr. 2,344,536 | Dr. 194,637                      | Dr. 194,367                                | Dr. 26,908                     | Dr. 78,364        | Dr. 105,730      | Dr. 2,890,726 | 25,379,353         |
| Interest expense .....                | 931,779       | -                                | 27,733                                     | 9,983                          | 4,364             | 2,245            | 976,104       | 10,902,337         |
| Income before income taxes .....      | Dr. 3,276,315 | Dr. 194,637                      | Dr. 222,100                                | Dr. 16,925                     | Dr. 82,728        | Dr. 107,975      | Dr. 3,866,830 | 14,476,816         |
| Provision for income taxes .....      | -             | -                                | -  | 8,462                          | -                 | -                | 8,462         | 409,465            |
| Net income after income taxes .....   | Dr. 3,276,315 | Dr. 194,637                      | Dr. 222,100                                | Dr. 8,463                      | Dr. 82,728        | Dr. 107,975      | Dr. 3,875,292 | 14,067,351         |



TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

November 1965

|   | Group I carriers |                            |             | Group II carriers                 |                             |                    |                   |            | Grand total |
|---|------------------|----------------------------|-------------|-----------------------------------|-----------------------------|--------------------|-------------------|------------|-------------|
|   | Air Canada       | Canadian Pacific Air Lines | Total       | Eastern Provincial Airways (1963) | Pacific Western Airlines(1) | Quebecair Inc. (1) | Transair Ltd. (1) | Total(1)   |             |
| Revenue transportation services:                      |                  |                            |             |                                   |                             |                    |                   |            |             |
| Unit toll:  |                  |                            |             |                                   |                             |                    |                   |            |             |
| Departures .....                                      | 11,674           | 1,782                      | 13,456      | 1,064                             | 1,466                       | 1,388              | 1,018             | 4,936      | 18,392      |
| Hours flown .....                                     | 15,428           | 3,421                      | 18,849      | 1,093                             | 1,658                       | 1,021              | 1,162             | 4,934      | 23,783      |
| Miles scheduled .....                                 | 4,400,349        | 1,200,916                  | 5,601,265   | 89,105                            | 203,722                     | 89,646             | 140,176           | 522,649    | 6,123,914   |
| Miles flown:  |                  |                            |             |                                   |                             |                    |                   |            |             |
| Scheduled - Regular .....                             | 4,320,452        | 1,191,945                  | 5,512,397   | 81,766                            | 199,132                     | 79,792             | 136,776           | 497,466    | 6,009,863   |
| Extra section .....                                   | 168,916          | 5,345                      | 174,261     | 529                               | 12,261                      | 2,987              | 3,267             | 19,044     | 193,305     |
| Non-scheduled .....                                   | -                | -                          | -           | 85,327                            | 48,387                      | 83,140             | 35,019            | 251,873    | 251,873     |
| Totals .....  | 4,489,368        | 1,197,290                  | 5,686,658   | 167,622                           | 259,780                     | 165,919            | 175,062           | 768,383    | 6,455,041   |
| Ratio of regular miles flown to miles scheduled ..... | 98.2             | 99.3                       | 98.4        | 91.8                              | 97.7                        | 89.0               | 97.6              | 95.2       | 98.1        |
| Passengers carried .....                              | 348,643          | 42,356                     | 390,999     | 6,180                             | 19,967                      | 11,578             | 6,077             | 43,802     | 434,801     |
| Goods carried:  |                  |                            |             |                                   |                             |                    |                   |            |             |
| Freight .....   | 9,378,894        | 1,168,874                  | 10,547,768  | 554,327                           | 648,483                     | 234,947            | 87,959            | 1,525,716  | 12,073,484  |
| Express .....   | 1,235,484        | 115,018                    | 1,350,502   | 41,187                            | 54,932                      | -                  | 16,669            | 112,788    | 1,463,290   |
| Excess baggage .....                                  | -                | 26,130                     | 26,130(2)   | 13,798                            | 43,981                      | 36,408             | 2,051             | 96,238     | 122,368(2)  |
| Mail .....  | 3,286,080        | 249,509                    | 3,535,589   | 159,140                           | 191,268                     | 40,684             | 90,477            | 481,569    | 4,017,158   |
| Totals .....  | 13,900,458       | 1,559,531                  | 15,459,989  | 768,452                           | 938,664                     | 312,039            | 197,156           | 2,216,311  | 17,676,300  |
| Passenger-miles:                                      |                  |                            |             |                                   |                             |                    |                   |            |             |
| Scheduled .....                                       | 235,408,299      | 67,603,801                 | 303,012,100 | 758,697                           | 3,707,977                   | 1,542,018          | 1,811,456         | 7,820,148  | 310,832,248 |
| Non-scheduled .....                                   | -                | -                          | -           | 798,745                           | 373,265                     | 1,414,350          | 129,906           | 2,716,266  | 2,716,266   |
| Totals .....  | 235,408,299      | 67,603,801                 | 303,012,100 | 1,557,442                         | 4,081,242                   | 2,956,368          | 1,941,362         | 10,536,414 | 313,548,514 |
| Available seat-miles on scheduled services .....      | 412,927,346      | 144,662,603                | 557,589,949 | 2,754,761                         | 10,466,589                  | 2,958,732          | 7,162,607         | 23,342,689 | 580,932,638 |
| Passenger load factor on scheduled services .....     | 57.0             | 46.7                       | 54.3        | 27.5                              | 35.4                        | 52.1               | 25.3              | 33.5       | 53.5        |
| Goods ton-miles:                                      |                  |                            |             |                                   |                             |                    |                   |            |             |
| Freight - Scheduled .....                             | 5,609,848        | 1,597,927                  | 7,207,775   | 2,241                             | 180,450                     | 23,103             | 13,953            | 219,747    | 7,427,522   |
| Non-scheduled .....                                   | -                | -                          | -           | 152,473                           | 6,923                       | 19,116             | 4,818             | 183,330    | 183,330     |
| Totals .....  | 5,609,848        | 1,597,927                  | 7,207,775   | 154,714                           | 187,373                     | 42,219             | 18,771            | 403,077    | 7,610,852   |
| Express - Scheduled .....                             | 514,042          | 41,464                     | 555,506     | 913                               | 15,256                      | -                  | 3,366             | 19,535     | 575,041     |
| Non-scheduled .....                                   | -                | -                          | -           | 1,030                             | -                           | -                  | 202               | 1,232      | 1,232       |
| Totals .....  | 514,042          | 41,464                     | 555,506     | 1,943                             | 15,256                      | -                  | 3,568             | 20,767     | 576,273     |

footnotes at end of table.

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Continued

November 1965

|   | Group I carriers |                            |             | Group II carriers                 |                             |                   |                  |            | Grand total |
|---|------------------|----------------------------|-------------|-----------------------------------|-----------------------------|-------------------|------------------|------------|-------------|
|   | Air Canada       | Canadian Pacific Air Lines | Total       | Eastern Provincial Airways (1963) | Pacific Western Airlines(1) | Quebecair Inc.(1) | Transair Ltd.(1) | Total(1)   |             |
| Revenue transportation services - Concluded:      |                  |                            |             |                                   |                             |                   |                  |            |             |
| Unit toll - Concluded:                            |                  |                            |             |                                   |                             |                   |                  |            |             |
| Goods ton-miles - Concluded:                      |                  |                            |             |                                   |                             |                   |                  |            |             |
| Excess baggage - Scheduled .....                  | 159,607          | 54,114                     | 213,721     | 1,084                             | 7,135                       | 2,281             | 486              | 10,986     | 224,707     |
| Non-scheduled .....                               | -                | -                          | -           | 1,511                             | 158                         | 2,630             | 15               | 4,314      | 4,314       |
| Totals .....                                      | 159,607          | 54,114                     | 213,721     | 2,595                             | 7,293                       | 4,911             | 501              | 15,300     | 229,021     |
| Mail - Scheduled .....                            | 1,500,263        | 247,699                    | 1,747,962   | 3,942                             | 55,090                      | 4,220             | 6,136            | 69,388     | 1,817,350   |
| Non-scheduled .....                               | -                | -                          | -           | 27,481                            | 248                         | 2,107             | 7,470            | 37,306     | 37,306      |
| Totals .....                                      | 1,500,263        | 247,699                    | 1,747,962   | 31,423                            | 55,338                      | 6,327             | 13,606           | 106,694    | 1,854,656   |
| Total - Scheduled .....                           | 7,783,760        | 1,941,204                  | 9,724,964   | 8,180                             | 257,931                     | 29,604            | 23,941           | 319,656    | 10,044,620  |
| Non-scheduled .....                               | -                | -                          | -           | 182,495                           | 7,329                       | 23,853            | 12,503           | 226,182    | 226,182     |
| Totals .....                                      | 7,783,760        | 1,941,204                  | 9,724,964   | 190,675                           | 265,260                     | 53,457            | 36,446           | 545,838    | 10,270,802  |
| Available ton-miles on scheduled services .....   | 64,718,719       | 18,681,498                 | 83,400,217  | 328,069                           | 1,401,460                   | 295,898           | 525,869          | 2,551,296  | 85,951,513  |
| Weight load factor on scheduled services(3) ..... | 48.4             | 46.6                       | 48.0        | 25.6                              | 44.9                        | 62.1              | 39.0             | 43.2       | 49.0        |
| Bulk:   |                  |                            |             |                                   |                             |                   |                  |            |             |
| Departures .....                                  | 92               | 20                         | 112         | 339                               | 1,068                       | 22                | 140              | 1,569      | 1,681       |
| Hours flown .....                                 | 155              | 87                         | 242         | 415                               | 1,121                       | 19                | 485              | 2,040      | 2,282       |
| Miles flown .....                                 | 43,007           | 34,622                     | 77,629      | 33,500                            | 149,090                     | 2,566             | 89,055           | 274,211    | 351,840     |
| Passengers carried .....                          | 2,557            | 542                        | 3,099       | 771                               | 1,858                       | 84                | 769              | 3,482      | 6,581       |
| Freight carried .....                             | -                | -                          | -           | 128,011                           | 858,597                     | -                 | 617,845          | 1,604,453  | 1,604,453   |
| Passenger-miles(4) .....                          | 1,755,220        | 1,854,181                  | 3,609,401   | 74,465                            | 1,027,990                   | 27,395            | 632,721          | 1,762,571  | 5,371,972   |
| Goods ton-miles(4) .....                          | -                | -                          | -           | 11,463                            | 60,222                      | -                 | 314,650          | 386,335    | 386,335     |
| Revenue non-transportation services:              |                  |                            |             |                                   |                             |                   |                  |            |             |
| Specialty flying - Hours flown .....              | 10               | -                          | 10          | 136                               | -                           | -                 | -                | 136        | 146         |
| Total - All services:                             |                  |                            |             |                                   |                             |                   |                  |            |             |
| Traffic, hours and miles:(5)                      |                  |                            |             |                                   |                             |                   |                  |            |             |
| Revenue:  |                  |                            |             |                                   |                             |                   |                  |            |             |
| Departures .....                                  | 11,766           | 1,802                      | 13,568      | 1,403                             | 2,534                       | 1,410             | 1,158            | 6,505      | 20,073      |
| Hours flown .....                                 | 15,593           | 3,508                      | 19,101      | 1,644                             | 2,779                       | 1,040             | 1,647            | 7,110      | 26,211      |
| Miles flown .....                                 | 4,532,375        | 1,231,912                  | 5,764,287   | 201,122                           | 408,870                     | 168,485           | 264,117          | 1,042,594  | 6,806,881   |
| Passengers carried .....                          | 351,200          | 42,898                     | 394,098     | 6,951                             | 21,825                      | 11,662            | 6,846            | 47,284     | 441,382     |
| Cargo carried .....                               | 10,614,378       | 1,283,892                  | 11,898,270  | 723,525                           | 1,562,012                   | 234,947           | 722,473          | 3,242,957  | 15,141,227  |
| Goods carried .....                               | 13,900,458       | 1,539,531                  | 15,439,989  | 896,463                           | 1,797,261                   | 312,039           | 815,001          | 3,820,764  | 19,280,753  |
| Passenger-miles(4) .....                          | 237,163,519      | 69,457,982                 | 306,621,501 | 1,631,907                         | 5,109,232                   | 2,983,763         | 2,574,083        | 12,298,985 | 318,920,486 |
| Goods ton-miles(4) .....                          | 7,783,760        | 1,941,204                  | 9,724,964   | 202,138                           | 325,482                     | 53,457            | 351,096          | 932,173    | 10,657,137  |

See footnotes at end of table.



TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

November 1965

|  | Group I carriers |                            |            |                                   | Group II carriers           |                    |                   |          | Grand total |
|--|------------------|----------------------------|------------|-----------------------------------|-----------------------------|--------------------|-------------------|----------|-------------|
|  | Air Canada       | Canadian Pacific Air Lines | Total      | Eastern Provincial Airways (1963) | Pacific Western Airlines(1) | Quebecair Inc. (1) | Transair Ltd. (1) | Total(1) |             |
| Total - All services - Concluded:        |                  |                            |            |                                   |                             |                    |                   |          |             |
| Traffic, hours and miles - Concluded:(5) |                  |                            |            |                                   |                             |                    |                   |          |             |
| Non-revenue:                             |                  |                            |            |                                   |                             |                    |                   |          |             |
| Hours flown .....                        | 680              | 178                        | 858        | 138                               | 185                         | 27                 | 70                | 420      | 1,278       |
| Passengers carried .....                 | ..               | 2,108                      | 2,108(2)   | 131                               | 302                         | 177                | 144               | 754      | 2,862(2)    |
| Goods carried .....                      | ..               | 132,646                    | 132,646(2) | 44,552                            | 34,353                      | -                  | 7,971             | 86,476   | 219,522(2)  |
| Passenger-miles .....                    | 13,280,481       | 4,930,485                  | 18,210,966 | 136,665                           | 111,233                     | 56,471             | 62,077            | 366,446  | 18,577,412  |
| Goods ton-miles .....                    | 339,450          | 183,667                    | 523,117    | 9,221                             | 12,856                      | -                  | 2,242             | 24,319   | 547,436     |
| Fuel and oil consumed:                   |                  |                            |            |                                   |                             |                    |                   |          |             |
| Turbo fuel - Quantity .....              | 13,051,294       | 3,613,097                  | 16,664,391 | 99,172                            | -                           | 133,490            | 87,095            | 319,757  | 16,984,148  |
| Gasoline - Quantity .....                | 1,702,587        | 592,005                    | 2,294,592  | 20,826                            | -                           | 28,033             | 16,264            | 65,123   | 2,359,715   |
| Turbo oil - Quantity .....               | ..               | 431,132                    | 431,132    | 99,900                            | 356,661                     | 35,500             | 229,802           | 721,863  | 1,152,995   |
| Cost .....                               | ..               | 117,882                    | 117,882    | 31,414                            | 128,924                     | 11,715             | 85,191            | 257,244  | 375,126     |
| Turbo oil - Quantity .....               | 2,549            | 395                        | 2,944      | 50                                | -                           | 732                | 6                 | 788      | 3,732       |
| Cost .....                               | 25,473           | 339                        | 28,812     | 750                               | -                           | 2,563              | 60                | 3,373    | 32,185      |
| Other oil - Quantity .....               | ..               | 4,618                      | 4,618      | 1,536                             | 4,025                       | 2,117              | 2,490             | 10,168   | 14,786      |
| Cost .....                               | ..               | 4,274                      | 4,274      | 1,920                             | 5,031                       | 1,694              | 2,681             | 11,326   | 15,600      |
| Average number of employees:             |                  |                            |            |                                   |                             |                    |                   |          |             |
| Pilots and co-pilots .....               | 667              | 222                        | 889        | 58                                | 91                          | 35                 | 55                | 239      | 1,128       |
| Other flight personnel .....             | 792              | 283                        | 1,075      | 19                                | 37                          | 16                 | 28                | 100      | 1,175       |
| General management .....                 | 68               | 113                        | 181        | 8                                 | 60                          | 57                 | 22                | 57       | 328         |
| Maintenance labour .....                 | 2,754            | 571                        | 3,325      | 206                               | 204                         | 112                | 91                | 613      | 3,938       |
| Aircraft and traffic servicing .....     | 4,270            | 974                        | 5,244      | 127                               | 105                         | 127                | 88                | 447      | 5,691       |
| Other personnel .....                    | 4,016            | 755                        | 4,771      | 44                                | 25                          | 13                 | 65                | 147      | 4,918       |
| Total employees .....                    | 12,567           | 2,918                      | 15,485     | 462                               | 522                         | 360                | 349               | 1,693    | 17,178      |
| Salaries and wages:                      |                  |                            |            |                                   |                             |                    |                   |          |             |
| Pilots and co-pilots .....               | 944,528          | 280,188                    | 1,224,716  | 42,945                            | 67,719                      | 28,975             | 41,100            | 180,739  | 1,405,455   |
| Other flight personnel .....             | 365,564          | 156,758                    | 522,322    | 5,044                             | 16,256                      | 6,419              | 8,670             | 36,389   | 558,711     |
| General management .....                 | 125,205          | 99,464                     | 224,669    | 8,166                             | 32,400                      | 23,469             | 14,359            | 78,394   | 303,063     |
| Maintenance labour .....                 | 1,576,875        | 296,616                    | 1,873,491  | 87,787                            | 111,386                     | 51,459             | 49,173            | 300,345  | 2,173,836   |
| Aircraft and traffic servicing .....     | 2,194,094        | 423,235                    | 2,617,329  | 41,939                            | 67,859                      | 48,490             | 26,972            | 185,260  | 2,802,589   |
| Other personnel .....                    | 2,213,079        | 317,698                    | 2,530,777  | 15,465                            | 4,902                       | 8,567              | 14,568            | 43,502   | 2,574,279   |
| Total salaries and wages .....           | 7,419,345        | 1,573,959                  | 8,993,304  | 201,346                           | 300,522                     | 167,379            | 155,382           | 824,629  | 9,817,933   |

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Excludes Air Canada.

(3) Standard passenger weight used: 200 pounds.

(4) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(5) These data exclude non-transportation services, except for hours flown.

TABLE 5. Revenue Interline Traffic(1), Canadian Scheduled Carriers - All Services, by Company

November 1965

- 15 -

|                                | Air<br>Canada | Canadian<br>Pacific<br>Air Lines | Eastern<br>Provincial<br>Airways<br>(1963) | Pacific<br>Western<br>Airlines | Quebecair<br>Inc. | Transair<br>Ltd. | Total      |
|--------------------------------|---------------|----------------------------------|--|--------------------------------|-------------------|------------------|------------|
| <b>Passengers carried:</b>     |               |                                  |  |                                |                   |                  |            |
| Originated .....               | 295,371       | 34,644                           | 4,316                                      | 18,324                         | 11,578            | 5,849            | 370,082    |
| Domestic interline .....       | 53,272        | 3,471                            | 1,144                                      | -                              | -                 | -                | 61,886     |
| Foreign interline .....        | -             | 3,999                            | -  | -                              | -                 | -                | -          |
| Totals(2) .....                | 348,643       | 42,114                           | 5,460                                      | 18,324                         | 11,578            | 5,849            | 431,968    |
| <b>Express carried:</b>        |               |                                  |  |                                |                   |                  |            |
| Originated .....               | 1,235,484     | 115,018                          | 36,966                                     | 54,932                         | -                 | 16,669           | 1,459,069  |
| Domestic interline .....       | -             | -                                | -  | -                              | -                 | -                | -          |
| Foreign interline .....        | -             | -                                | -  | -                              | -                 | -                | -          |
| Totals(2) .....                | 1,235,484     | 115,018                          | 36,966                                     | 54,932                         | -                 | 16,669           | 1,459,069  |
| <b>Freight carried:</b>        |               |                                  |  |                                |                   |                  |            |
| Originated .....               | 9,378,894     | 923,998                          | 508,985                                    | 560,459                        | 234,947           | 64,592           | 11,671,875 |
| Domestic interline .....       | -             | 38,074                           | -  | -                              | -                 | -                | 38,074     |
| Foreign interline .....        | -             | 82,693                           | -  | -                              | -                 | -                | 82,693     |
| Totals(2) .....                | 9,378,894     | 1,044,765                        | 508,985                                    | 560,459                        | 234,947           | 64,592           | 11,792,642 |
| <b>Excess baggage carried:</b> |               |                                  |  |                                |                   |                  |            |
| Originated .....               | -             | 26,130                           | 12,110                                     | 41,372                         | 36,408            | 2,051            | 118,071(3) |
| Domestic interline .....       | -             | -                                | -  | -                              | -                 | -                | -          |
| Foreign interline .....        | -             | -                                | -  | -                              | -                 | -                | -          |
| Totals(2) .....                | -             | 26,130                           | 12,110                                     | 41,372                         | 36,408            | 2,051            | 118,071(3) |
| <b>Mail carried:</b>           |               |                                  |  |                                |                   |                  |            |
| Originated .....               | 3,286,080     | 249,509                          | 159,140                                    | 184,650                        | 40,684            | 32,507           | 3,952,570  |
| Domestic interline .....       | -             | -                                | -  | -                              | -                 | -                | -          |
| Foreign interline .....        | -             | -                                | -  | -                              | -                 | -                | -          |
| Totals(2) .....                | 3,286,080     | 249,509                          | 159,140                                    | 184,650                        | 40,684            | 32,507           | 3,952,570  |

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Board.

(2) Excludes division interline.

(3) Excludes Air Canada.

TABLE 6. Operating Statistics, Canadian International Carriers - All Revenue Services, by Area of Service

November 1965

|  | Trans-<br>Atlantic<br>Services | Southern<br>Services | Pacific<br>and<br>Orient<br>Services | Total<br>International<br>Services | Domestic<br>Services | Grand<br>total |
|--|--------------------------------|----------------------|--------------------------------------|------------------------------------|----------------------|----------------|
| Unit toll:   |                                |                      |                                      |                                    |                      |                |
| Departures .....   | 1,788                          | 351                  | 113                                  | 2,726                              | 10,730               | 13,456         |
| Hours flown .....  | 2,528                          | 1,081                | 705                                  | 6,075                              | 12,774               | 18,849         |
| Miles scheduled .....                                    | 585,980                        | 457,869              | 327,274                              | 2,203,984                          | 3,397,281            | 5,601,265      |
| Miles flown:   |                                |                      |                                      |                                    |                      |                |
| Scheduled - Regular .....                                | 571,086                        | 457,613              | 323,380                              | 2,183,985                          | 3,328,412            | 5,512,397      |
| Extra sections .....                                     | 12,634                         | 8,726                | 4,738                                | 26,098                             | 148,163              | 174,261        |
| Non-scheduled .....                                      | -                              | -                    | -                                    | -                                  | -                    | -              |
| Totals .....   | 583,720                        | 466,339              | 328,118                              | 2,210,083                          | 3,476,575            | 5,686,658      |
| Ratio of regular miles flown to miles<br>scheduled ..... | 97.5                           | 99.9                 | 98.8                                 | 99.1                               | 98.0                 | 98.4           |
| Passengers carried .....                                 | ...                            | ...                  | ...                                  | ...                                | ...                  | ...            |
| Cargo carried .....                                      | ...                            | ...                  | ...                                  | ...                                | ...                  | ...            |
| Mail carried .....                                       | ...                            | ...                  | ...                                  | ...                                | ...                  | ...            |
| Passenger-miles .....                                    | 30,172,133                     | 29,984,094           | 20,643,577                           | 127,645,901                        | 175,366,199          | 303,012,100    |
| Available seat-miles on scheduled services               | 47,349,317                     | 60,952,396           | 40,527,951                           | 256,152,280                        | 301,437,669          | 557,589,949    |
| Passenger load factor on scheduled services              | 63.7                           | 49.2                 | 50.9                                 | 49.8                               | 58.2                 | 54.3           |
| Goods ton-miles:   |                                |                      |                                      |                                    |                      |                |
| Express .....  | 66,853                         | -                    | -                                    | 66,853                             | 488,653              | 555,506        |
| Freight .....  | 427,190                        | 576,545              | 549,570                              | 3,330,791                          | 3,876,984            | 7,207,775      |
| Excess baggage .....                                     | 12,869                         | 42,340               | 20,430                               | 126,378                            | 87,343               | 213,721        |
| Mail .....   | 43,494                         | 58,145               | 122,985                              | 507,510                            | 1,240,452            | 1,747,962      |
| Totals .....   | 550,406                        | 677,030              | 692,985                              | 4,031,532                          | 5,693,432            | 9,724,964      |
| Available ton-miles on scheduled service                 | 6,535,651                      | 8,136,262            | 5,561,093                            | 36,859,131                         | 46,541,086           | 83,400,217     |
| Weight load factor on scheduled services(1)              | 45.6                           | 45.2                 | 49.6                                 | 45.6                               | 49.9                 | 48.0           |
| Bulk:  |                                |                      |                                      |                                    |                      |                |
| Departures .....   | 99                             | 23                   | 2                                    | 164                                | ...                  | ...            |
| Hours flown .....  | 179                            | 86                   | 14                                   | 507                                | ...                  | ...            |
| Miles flown .....  | 34,031                         | 29,147               | 4,738                                | 134,000                            | ...                  | ...            |
| Passengers carried .....                                 | 1,179                          | 1,184                | 88                                   | 3,325                              | ...                  | ...            |
| Goods carried .....                                      | 41,750                         | -                    | -                                    | 41,750                             | ...                  | ...            |
| Passenger-miles(2) .....                                 | 368,717                        | 1,261,709(3)         | 416,944                              | 4,749,541                          | ...                  | ...            |
| Goods ton-miles(2) .....                                 | 3,591                          | -                    | -                                    | 3,591                              | ...                  | ...            |
| Total:   |                                |                      |                                      |                                    |                      |                |
| Departures .....   | 1,887                          | 374                  | 115                                  | 2,890                              | ...                  | ...            |
| Hours flown .....  | 2,707                          | 1,167                | 719                                  | 6,582                              | ...                  | ...            |
| Miles flown .....  | 617,751                        | 495,486              | 332,856                              | 2,344,083                          | ...                  | ...            |
| Passengers carried .....                                 | ...                            | ...                  | ...                                  | 121,642                            | ...                  | ...            |
| Goods carried .....                                      | ...                            | ...                  | ...                                  | 5,148,729                          | ...                  | ...            |
| Passenger-miles(2) .....                                 | 30,540,850                     | 31,245,803(3)        | 21,060,521                           | 132,595,442                        | ...                  | ...            |
| Goods ton-miles(2) .....                                 | 553,997                        | 677,030              | 692,985                              | 4,031,532                          | ...                  | ...            |

(1) Standard passenger weight used: 200 pounds.

(2) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(3) 506,344 passenger-miles for which the area of service is not available have been omitted from columns 2 and 3 but are included in column 5 (Total International).

TABLE 7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)

November 1965

|  | United States            |                            |                           | Europe                   |                            |           |
|--|--------------------------|----------------------------|---------------------------|--------------------------|----------------------------|-----------|
|  | Leaving<br>Canada<br>for | Entering<br>Canada<br>from | Total                     | Leaving<br>Canada<br>for | Entering<br>Canada<br>from | Total     |
| Passengers carried:                          |                          |                            |                           |                          |                            |           |
| Unit toll ..... No.                          | 81,542                   | 79,625                     | 161,167                   | 10,761                   | 17,546                     | 28,307    |
| Bulk ..... "                                 | 547                      | 310                        | 857                       | 157                      | -                          | 157       |
| Totals ..... "                               | 82,089                   | 79,935                     | 162,024                   | 10,918                   | 17,546                     | 28,464    |
| Freight, express and excess baggage carried: |                          |                            |                           |                          |                            |           |
| Unit toll ..... lb.                          | 830,298                  | 3,392,034                  | 4,222,332                 | 762,406                  | 2,506,832                  | 3,269,238 |
| Bulk ..... "                                 | -                        | -                          | -                         | -                        | -                          | -         |
| Totals ..... "                               | 830,298                  | 3,392,034                  | 4,222,332                 | 762,406                  | 2,506,832                  | 3,269,238 |
| Mail carried (unit toll) ..... "             | 153,783                  | 254,778                    | 408,561                   | 148,239                  | 174,819                    | 323,058   |
| All other areas                              |                          |                            | Totals                    |                          |                            |           |
|  | Leaving<br>Canada<br>for | Entering<br>Canada<br>from | Total                     | Leaving<br>Canada        | Entering<br>Canada         | Total     |
| Passengers carried:                          |                          |                            |                           |                          |                            |           |
| Unit toll ..... No.                          | 6,931                    | 8,106                      | 15,037                    | 99,234                   | 105,277                    | 204,511   |
| Bulk ..... "                                 | 377                      | 353                        | 730                       | 1,081                    | 663                        | 1,744     |
| Totals ..... "                               | 7,308                    | 8,459                      | 15,767                    | 100,315                  | 105,940                    | 206,255   |
| Freight, express and excess baggage carried: |                          |                            |                           |                          |                            |           |
| Unit toll ..... lb.                          | 214,469                  | 197,835                    | 412,304                   | 1,807,173                | 6,096,701                  | 7,903,874 |
| Bulk ..... "                                 | -                        | -                          | -                         | -                        | -                          | -         |
| Totals ..... "                               | 214,469                  | 197,835                    | 412,304                   | 1,807,173                | 6,096,701                  | 7,903,874 |
| Mail carried (unit toll) ..... "             | 24,911                   | 30,351                     | 55,262                    | 326,933                  | 459,948                    | 786,881   |
| Total by Canadian carriers                   |                          |                            | Total by Foreign carriers |                          |                            |           |
|  | Leaving<br>Canada        | Entering<br>Canada         | Total                     | Leaving<br>Canada        | Entering<br>Canada         | Total     |
| Passengers carried:                          |                          |                            |                           |                          |                            |           |
| Unit toll ..... No.                          | 58,082                   | 60,235                     | 118,317                   | 41,152                   | 45,042                     | 86,194    |
| Bulk ..... "                                 | 794                      | 593                        | 1,387                     | 287                      | 70                         | 357       |
| Totals ..... "                               | 58,876                   | 60,828                     | 119,704                   | 41,439                   | 45,112                     | 86,551    |
| Freight, express and excess baggage carried: |                          |                            |                           |                          |                            |           |
| Unit toll ..... lb.                          | 1,189,866                | 3,454,362                  | 4,644,228                 | 617,307                  | 2,642,339                  | 3,259,646 |
| Bulk ..... "                                 | -                        | -                          | -                         | -                        | -                          | -         |
| Totals ..... "                               | 1,189,866                | 3,454,362                  | 4,644,228                 | 617,307                  | 2,642,339                  | 3,259,646 |
| Mail carried (unit toll) ..... "             | 217,668                  | 245,083                    | 462,751                   | 109,265                  | 214,865                    | 324,130   |

(1) Passengers and goods in transit through Canada are excluded.

TABLE 8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service

November 1965

| Type of service:                     | Fixed-wing aircraft |                |               |                | Helicopters   |                |               |                |
|--------------------------------------|---------------------|----------------|---------------|----------------|---------------|----------------|---------------|----------------|
|                                      | Month               |                | Year to date  |                | Month         |                | Year to date  |                |
|                                      | Revenue hours       | Revenue earned | Revenue hours | Revenue earned | Revenue hours | Revenue earned | Revenue hours | Revenue earned |
|                                      | No.                 | \$             | No.           | \$             | No.           | \$             | No.           | \$             |
| Aerial advertising .....             | 2                   | 169            | 27            | 2,943          | 71            | 4,335          | 794           | 71,702         |
| Aerial fish cultivation .....        | -                   | -              | 34            | 2,133          | -             | -              | -             | -              |
| Aerial patrol and inspection .....   | 518                 | 53,155         | 11,105        | 1,310,778      | 381           | 57,335         | 7,969         | 1,104,860      |
| Aerial pest control .....            | 262                 | 39,759         | 3,241         | 611,013        | -             | 3,812          | 20            | 10,002         |
| Aerial photography and survey .....  | 241                 | 10,781         | 6,512         | 983,362        | 12            | 2,608          | 1,489         | 159,539        |
| Aerial photography (excl. survey) .. | 38                  | 1,781          | 940           | 38,989         | 106           | 14,504         | 953           | 96,615         |
| Aircraft rental .....                | 117                 | 1,983          | 990           | 17,478         | -             | -              | -             | -              |
| Flying training .....                | 4,036               | 72,526         | 53,349        | 911,633        | 60            | 5,250          | 633           | 39,942         |
| Geophysical survey .....             | 312                 | 42,456         | 7,961         | 755,807        | 119           | 14,178         | 5,196         | 583,211        |
| Non-transportation charter .....     | 7                   | 600            | 695           | 198,218        | 10            | 160            | 10            | 160            |
| Philanthropic .....                  | -                   | -              | -             | -              | -             | -              | -             | -              |
| Recreational flying .....            | 873                 | 18,982         | 14,448        | 312,392        | -             | 30             | 965           | 70,574         |
| Specialty flying - Other .....       | -                   | 50             | 673           | 3,336          | 12            | 1,772          | 631           | 50,478         |
| Totals .....                         | 6,406               | 242,242        | 99,975        | 5,148,082      | 771           | 103,984        | 18,660        | 2,187,083      |

TABLE 9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV

November 1965

|                                       | Carriers operating helicopters only |              | Carriers operating both helicopters and fixed-wing aircraft |              | Total   |              |
|---------------------------------------|-------------------------------------|--------------|---|--------------|---------|--------------|
|                                       | Month                               | Year to date | Month   | Year to date | Month   | Year to date |
| Carriers reporting .....              | No. 14                              | ...          | 8   | ...          | 22      | ...          |
| Helicopters - Owned .....             | " 147                               | 153          | 21  | 22           | 168     | 175          |
| Leased .....                          | " 17                                | 22           | 3   | 3            | 20      | 25           |
| Totals .....                          | " 164                               | 175          | 24  | 25           | 188     | 200          |
| Revenue hours flown - Unit toll ..... | " -                                 | 197          | -   | -            | -       | 197          |
| Bulk .....                            | " 4,973                             | 76,615       | 56  | 3,816        | 5,029   | 80,431       |
| Specialty .....                       | " 464                               | 10,021       | 300   | 8,419        | 764     | 18,440       |
| Totals .....                          | " 5,437                             | 86,833       | 356   | 12,235       | 5,793   | 99,068       |
| Non-revenue hours flown .....         | " 447                               | 5,058        | 50  | 535          | 497     | 5,593        |
| Fuel and oil consumed:                |                                     |              |   |              |         |              |
| Gasoline .....                        | gal. 112,431                        | 1,534,618    | 3,425   | 128,970      | 115,856 | 1,663,588    |
| Cost .....                            | \$ 48,208                           | 709,007      | 1,888   | 68,800       | 50,096  | 777,807      |
| Oil .....                             | gal. 2,254                          | 26,466       | 73  | 2,087        | 2,327   | 28,553       |
| Cost .....                            | \$ 3,765                            | 45,229       | 111   | 3,121        | 3,876   | 48,350       |
| Average number of employees:          |                                     |              |   |              |         |              |
| Pilots .....                          | No. 143                             | 172          | 10  | 13           | 153     | 185          |
| Administrative .....                  | " 58                                | 58           | 1   | 1            | 59      | 59           |
| Maintenance labour .....              | " 157                               | 159          | 7   | 8            | 164     | 167          |
| Other personnel .....                 | " 10                                | 9            | -   | -            | 10      | 9            |
| Totals .....                          | " 368                               | 398          | 18  | 22           | 386     | 420          |
| Salaries and wages:                   |                                     |              |   |              |         |              |
| Pilots .....                          | \$ 119,427                          | 1,530,979    | 5,705   | 114,757      | 125,132 | 1,645,736    |
| Administrative .....                  | \$ 43,597                           | 411,629      | 600   | 12,400       | 44,197  | 424,029      |
| Maintenance labour .....              | \$ 84,071                           | 920,091      | 3,991   | 53,958       | 88,062  | 974,049      |
| Other personnel .....                 | \$ 2,312                            | 28,419       | -   | -            | 2,312   | 28,419       |
| Totals .....                          | \$ 249,407                          | 2,891,118    | 10,296  | 181,115      | 259,703 | 3,072,233    |



TABLE 10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters: July - Groups I to IV  
November 1965

|  | Current month | Year to date |
|--|---------------|--------------|
|  | dollars       |              |
| Operating revenues:                      |               |              |
| Unit toll transportation:                |               |              |
| Passengers .....                         | -             | -            |
| Express .....                            | -             | -            |
| Freight .....                            | -             | -            |
| Excess baggage .....                     | -             | -            |
| Mail .....                               | -             | -            |
| Total unit toll transportation .....     | -             | -            |
| Bulk transportation .....                | 682,682       | 9,219,685    |
| Total transportation .....               | 682,682       | 9,219,685    |
| Other flying services .....              | 73,055        | 1,100,684    |
| Total flying services .....              | 755,737       | 10,320,369   |
| Non-flying services .....                | 93,448        | 324,472      |
| Total operating revenues .....           | 849,185       | 10,644,841   |
| Operating expenses:                      |               |              |
| Flying operations .....                  | 448,714       | 3,912,975    |
| Maintenance .....                        | 219,297       | 2,949,337    |
| General service and administration ..... | 119,161       | 1,036,158    |
| Depreciation and amortization .....      | 57,670        | 1,095,065    |
| Total operating expenses .....           | 844,842       | 8,993,535    |
| Operating income (deficit) .....         | 4,343         | 1,651,306    |
| Non-operating income:                    |               |              |
| Capital gains and losses .....           | Dr. 30,934    | 72,083       |
| Interest and discounts .....             | 2             | 3,861        |
| Miscellaneous non-operating income ..... | 26,066        | 67,469       |
| Income before interest expense .....     | Dr. 523       | 1,794,719    |
| Interest expense .....                   | 20,022        | 222,227      |
| Income before income taxes .....         | Dr. 20,545    | 1,572,492    |
| Provision for income taxes .....         | Cr. 9,970     | 131,241      |
| Net income after income taxes .....      | Dr. 10,575    | 1,441,251    |



CIVIL AVIATION DEFINITIONS(1)

- Bulk Transportation:
- (1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4); and
  - (2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).

Classification of Canadian  
Carriers by Groups

- Group I Carriers: Canadian Air Carriers licensed to perform both domestic and international scheduled services. (Air Canada and Canadian Pacific Air Lines Ltd.).
- Group II Carriers: Canadian Air Carriers other than Group I carriers licensed to perform domestic scheduled services and Nordair Ltd.(2).
- Group III Carriers: Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$500,000 or over (excepting air carriers included in Group I and II).
- Group IV Carriers: Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$100,000 and over, but less than \$500,000.
- Group V Carriers: Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of less than \$100,000.

Cargo: Air freight and air express (excluding mail and excess baggage).

Carrier, Air: Any person who operates aircraft in or over Canada for hire or reward.

Non-Scheduled Carriers: Carriers not operating any scheduled (Class I) service.

Scheduled Carriers: Air Carriers serving designated points in accordance with a service schedule and at a toll per unit.

Express, Air: It is a package service operated within the U.S.A. and Canada only; the rates cover door-to-door service. Because Air Express shipments are carried on all flights and take priority over Air Freight and because Express shipments receive priority on the ground too, they take higher rates.

- 
- (1) Reference to Classes refers to the classification of air carriers as defined by the Air Transport Board and published in the "Directory of Canadian Commercial Air Services" Queen's Printer, Ottawa.
  - (2) For statistical purposes in this report, Nordair Ltd. is included with Group III carriers.

Freedoms of the Air:

- First Freedom: The privilege to fly over the territory of a foreign country without landing.
- Second Freedom: The privilege to land on the territory of a foreign country for non-traffic purposes.
- Third Freedom: The privilege to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
- Fourth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
- Fifth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the privilege to put down in a foreign country, passengers, mail and cargo coming from any such territory.

Freight, Air:

Articles carried on regular flights at standard per pound rates when space is available.

Goods:

Air Cargo (freight and express) plus mail and excess baggage.

Interline Traffic:

- Domestic Interline: Passengers and goods received by a carrier at Canadian points from other Canadian Air Carriers.
- Foreign Interline: Passengers and goods received by a carrier from Foreign Air Carriers.
- Divisional Interline: Passengers and goods received from other operating divisions of the same carrier.

International Services:

- Trans-Border Services: Services between Canada and the United States.
- Southern Services: Services between Canada and Bermuda, the Caribbean, Mexico, Central or South America.
- Trans-Atlantic and Polar Services: Services between Canada and Europe.
- Pacific and Orient Services: Services between Canada and points in the Pacific Ocean or the Orient.

Load Capacity Available:

Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, stewards' supplies, etc.

|                                   |  |
|-----------------------------------|--|
| <u>Load Factor, Passenger:</u>    | Ratio of revenue passenger-miles performed to available seat-miles.  |
| <u>Load Factor, Weight:</u>       | - See Weight, Load-Factor.   |
| <u>Miles:</u>                     | Statute miles of 5,280 ft.   |
| <u>Passenger:</u>                 | A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger. A round trip passenger is counted as two passengers.   |
| <u>Passenger Load-Factor:</u>     | - See Load Factor, Passenger.  |
| <u>Passenger-Mile:</u>            | The transportation of one passenger one mile.  |
| <u>Non-Revenue Passenger:</u>     | A child or adult carried on a revenue transportation flight for whom no fare is collected, including company personnel.  |
| <u>Revenue Passenger:</u>         | A child or adult for which a fare or part of a fare is paid.   |
| <u>Seat-Miles Available:</u>      | Seats available for the transportation of passengers multiplied by the miles flown on each inter-station flight.   |
| <u>Specialty Flying Services:</u> | Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising.   |
| <u>Tons:</u>                      | Short tons of 2,000 lbs.   |
| <u>Ton-Mile:</u>                  | The transportation of one ton of goods one mile.   |
| <u>Ton-Miles Available:</u>       | Available load capacity multiplied by miles flown on each inter-station flight.  |
| <u>Unit Toll Transportation:</u>  | Public transportation of passengers and goods at a toll per unit. It includes: <ul style="list-style-type: none"><li>(i) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class I); and</li><li>(ii) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3).</li></ul> |
| <u>Weight Load Factor:</u>        | Ratio of revenue ton-miles performed to available ton-miles.   |





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## CIVIL AVIATION

(DECEMBER 1965

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## SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. Figures are not available.
- ... Figures not appropriate or not applicable.
- Nil or zero.

## INTRODUCTION

"Civil Aviation" reports are prepared from monthly and quarterly schedules filed with the Air Transport Board and the Dominion Bureau of Statistics by Canadian commercial air carriers, and from monthly returns filed with the Dominion Bureau of Statistics by foreign air carriers operating in Canada.

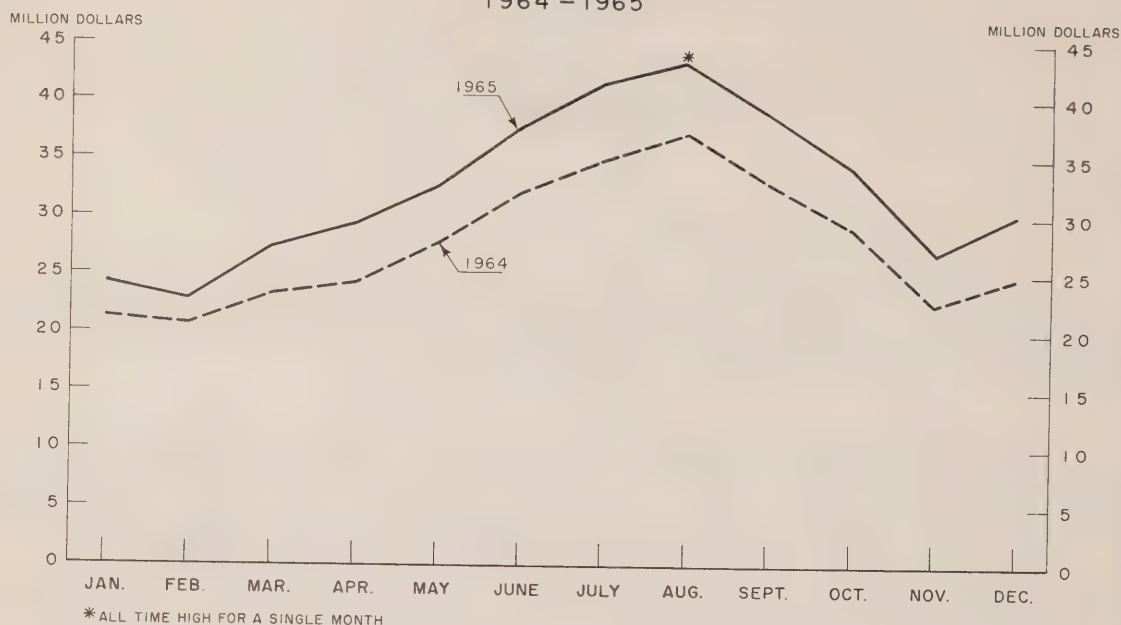
For reporting purposes, Canadian air carriers are classified into five groups on the basis of gross annual flying revenues and type of service performed. These groups are described on page twenty of this publication along with other definitions. It should be noted that the definition of each of the five groups was revised as of 1st January 1964. In January 1965, 3 former Group IV carriers were promoted to Group III, 1 Group III carrier was transferred to Group IV and 7 Group V carriers were transferred to Group IV. It should also be noted that Nordair Ltd., classified as a Group II carrier by the Air Transport Board, is included with Group III carriers for statistical purposes. Group V is comprised of small air carriers required to file returns on a quarterly basis only. Data on their operations are excluded from the other carrier statistics appearing throughout the report.

Whenever feasible the unit toll services are broken down into scheduled and non-scheduled. A complete breakdown is not possible as some carriers offer both services on specific routes. In such cases the route is assigned to the class of service which predominates.

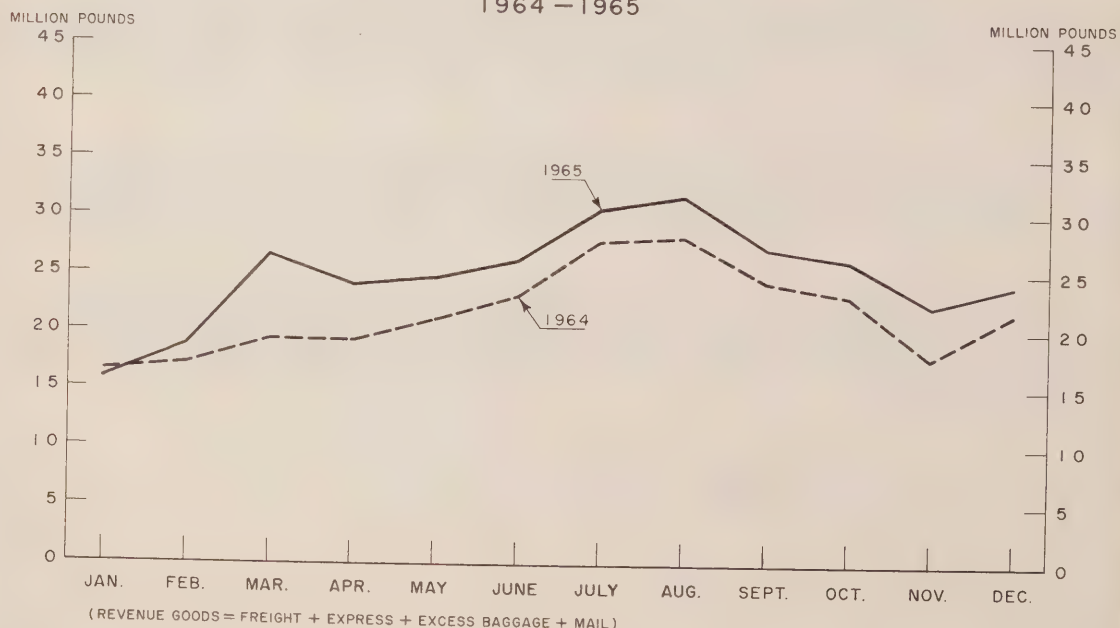
Domestic and international operations of Canadian carriers are combined in all tables except Table 6 which provides a breakdown of domestic and international operations for Canadian carriers operating international unit toll and bulk services.

Table 7 provides data on traffic leaving and entering Canada on an area of service basis. Passengers, cargo and mail in transit through Canada are excluded. The table contains the operations of both Canadian and Foreign carriers with separate totals for each.

# OPERATING REVENUE OF CANADIAN AIR CARRIERS 1964 - 1965



# REVENUE GOODS CARRIED BY CANADIAN AIR CARRIERS 1964 - 1965



## REVIEW OF DECEMBER OPERATIONS

(December 1964 figures in brackets)

Increases were reported in the transportation of both revenue passengers and revenue goods by Canadian air carriers during the month of December compared with December 1964. The number of passengers carried totalled 499,862 (423,745) an increase of 18.0 per cent. The weight of goods transported rose to 12,069 (10,670) tons, an increase of 13.1 per cent. Revenue miles flown increased 22.9 per cent to 8,858,484 (7,210,379).

Unit toll and bulk transportation services performed by Canadian carriers accounted for a total of 379,823,603 (311,125,832) passenger-miles and 12,424,695 (9,989,584) goods ton-miles. Unit toll services made up 97.2 per cent of the total passenger-miles and 95.3 per cent of the total goods ton-miles.

December operating revenues showed a 21.8 per cent increase over December 1964 to \$30,302,719 (\$24,883,056) while operating expenses rose 19.2 per cent to \$32,650,414 (\$27,393,501) resulting in an operating loss of \$2,347,695 (\$2,510,445) and a loss after taxes of \$4,842,381 (\$4,163,679).

Fourteen carriers who operated helicopters exclusively reported a total of 3,619 (1923) hours flown by 157 (144) machines. Six carriers operating both fixed-wing craft and helicopters reported a total of 379 (113) helicopter-hours flown by 20 (10) machines. Operating revenues by helicopter-only carriers for the month of December amounted to \$527,163 (\$187,745) while operating expenses amounted to \$782,886 (\$678,802).

During December the six scheduled carriers transported 475,925 (400,380) revenue passengers and 10,333 (8,958) tons of revenue goods which amounted to 95.2 per cent of the total number of passengers and 85.6 per cent of the total weight of goods carried by all Canadian carriers. Operating revenues of scheduled carriers amounted to \$28,163,070 (\$23,634,095) or 92.9 per cent of all Canadian carrier revenues. Operating expenses of scheduled carriers amounted to \$29,511,307 (\$25,124,877) or 90.4 per cent of all Canadian carrier expenses.

Revenue passenger-miles performed by Canadian carriers in international unit toll service in December amounted to 160,798,800 (123,847,605) or 45.3 per cent of the total unit toll passenger-miles performed by Canadian carriers. International services performed by Canadian carriers calculated according to passenger-miles travelled were divided by area as follows:

| <u>Area</u>                    | <u>Percentage</u> |
|--------------------------------|-------------------|
| Trans-Border .....             | 19.4              |
| Trans-Atlantic and Polar ..... | 34.0              |
| Southern .....                 | 30.2              |
| Pacific and Orient .....       | 16.4              |
| Totals .....                   | 100.0             |

### Foreign Carriers

Foreign carriers licensed to operate in Canada transported 93,798 (77,841) revenue passengers during December an increase of 20.5 per cent over December 1964. Weight of revenue goods carried totalled 2,130 (1,721) tons, an increase of 23.8 per cent over the same period in 1964. Foreign carriers report hours and miles flown over Canadian territory only. Statistics concerning passengers and goods in transit have been excluded.

### Cumulative Figures for the Year to Date (Canadian Carriers)

Compared with the same period in 1964 revenue passengers carried increased by 13.4 per cent to 6,508,027 (5,741,122), while the weight of revenue goods carried rose 24.8 per cent to 147,514 (129,589) tons. Passenger-miles and goods ton-miles performed by Canadian carriers totalled 5,155,469,320 (4,372,481,155) and 125,598,897 (105,560,420) respectively. Operating revenues increased 18.1 per cent to \$392,411,534 (\$332,188,073) while operating expenses increased 17.7 per cent to \$367,384,409 (\$312,098,269).



TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services

December 1965

|                                      | Canadian carriers                       |                        |           |           |                        | Total Canadian carriers | Foreign carriers(2)       |             | Grand total all carriers | Year to date |
|--------------------------------------|---|------------------------|-----------|-----------|------------------------|-------------------------|---------------------------|-------------|--------------------------|--------------|
|                                      | Scheduled carriers<br>Group I and II(1) | Non-scheduled carriers |           |           | United States carriers |                         | Other Foreign carriers(3) |             |                          |              |
|                                      |   | Group III(1)           | Group IV  | Total     |                        |                         |                           |             |                          |              |
| Number of carriers reporting ...     | 6                                       | 16                     | 55        | 71        | 77                     | 10                      | 9                         | 96          | ..                       |              |
| Revenue transportation services:     |   |                        |           |           |                        |                         |                           |             |                          |              |
| Unit toll:                           |   |                        |           |           |                        |                         |                           |             |                          |              |
| Departures .....                     | 20,147                                  | 2,176                  | 906       | 3,082     | 23,229                 | ..                      | ..                        | ..          | ..                       |              |
| Hours flown .....                    | 26,449                                  | 2,294                  | 525       | 2,819     | 29,268                 | 317                     | 894                       | 30,479      | 353,286                  |              |
| Miles scheduled .....                | 6,579,260                               | ...                    | ...       | ...       | 6,579,260              | 85,923                  | 358,740                   | 7,023,923   | 83,282,257               |              |
| Miles flown:                         |   |                        |           |           |                        |                         |                           |             |                          |              |
| Scheduled .....                      | 6,933,474                               | ...                    | ...       | ...       | 6,933,474              | 82,764                  | 333,990                   | 7,350,228   | 85,080,537               |              |
| Non-scheduled .....                  | 371,621                                 | 282,779                | 46,441    | 329,220   | 700,841                | -                       | -                         | 700,841     | 7,975,531                |              |
| Totals .....                         | 7,305,095                               | 282,779                | 46,441    | 329,220   | 7,634,315              | 82,764                  | 333,990                   | 8,051,069   | 93,056,068               |              |
| Passengers carried .....             | 471,193                                 | 7,113                  | 1,636     | 8,749     | 479,942                | 71,368                  | 20,785                    | 572,095     | 7,154,692                |              |
| Goods carried:                       |   |                        |           |           |                        |                         |                           |             |                          |              |
| Cargo .....                          | 13,793,041                              | 420,517                | 83,739    | 504,256   | 14,297,297             | 1,242,828               | 2,415,352                 | 18,131,968  | 180,870,129              |              |
| Excess baggage .....                 | 142,582                                 | 28,834                 | 5,075     | 33,909    | 176,491                | -                       | -                         | -           | 54,647,989               |              |
| Mail .....                           | 5,731,643                               | 172,050                | 39,162    | 211,212   | 5,942,855              | 294,492                 | 306,952                   | 6,544,299   | 235,518,118              |              |
| Totals .....                         | 19,667,266                              | 621,401                | 127,976   | 749,377   | 20,416,643             | 1,537,320               | 2,722,304                 | 24,676,267  | 235,518,118              |              |
| Passenger-miles .....                | 367,722,684                             | 1,330,999              | 99,772    | 1,430,771 | 369,153,455            | 3,000,704               | 17,669,312                | 389,823,471 | 5,061,242,096            |              |
| Goods ton-miles:                     |   |                        |           |           |                        |                         |                           |             |                          |              |
| Cargo .....                          | 8,673,744                               | 124,734                | 11,312    | 136,046   | 8,809,790              | 28,311                  | 870,658                   | 9,923,799   | 96,393,492               |              |
| Excess baggage .....                 | 210,635                                 | 4,156                  | 249       | 4,405     | 215,040                | -                       | -                         | -           | 22,728,992               |              |
| Mail .....                           | 2,758,971                               | 53,237                 | 2,511     | 55,748    | 2,814,719              | 5,738                   | 132,163                   | 2,952,620   | 119,122,484              |              |
| Totals .....                         | 11,643,350                              | 182,127                | 14,072    | 196,199   | 11,839,549             | 34,049                  | 1,002,821                 | 12,876,419  | 119,122,484              |              |
| Bulk:                                |   |                        |           |           |                        |                         |                           |             |                          |              |
| Departures .....                     | 1,147                                   | 1,883                  | 6,412     | 8,295     | 9,442                  | ..                      | ..                        | ..          | ..                       |              |
| Hours flown .....                    | 1,594                                   | 3,516                  | 7,520     | 11,036    | 12,630                 | 3                       | 29                        | 12,662      | 318,159                  |              |
| Miles flown .....                    | 283,477                                 | 264,099                | 676,593   | 940,692   | 1,224,169              | 781                     | 12,198                    | 1,237,148   | 31,235,243               |              |
| Passengers carried .....             | 4,732                                   | 5,248                  | 9,940     | 15,188    | 19,920                 | 92                      | 1,553                     | 21,565      | 667,707                  |              |
| Freight carried .....                | 998,440                                 | 1,615,610              | 1,107,511 | 2,723,121 | 3,721,561              | -                       | -                         | 3,721,561   | 109,935,168              |              |
| Passenger-miles(6) .....             | 7,680,073                               | 2,880,448              | 109,627   | 2,990,075 | 10,670,148             | -                       | -                         | -           | 109,935,168              |              |
| Goods ton-miles(6) .....             | 275,692                                 | 251,270                | 58,184    | 309,454   | 585,146                | ..                      | ..                        | ..          | ..                       |              |
| Revenue non-transportation services: |   |                        |           |           |                        |                         |                           |             |                          |              |
| Specialty flying - Hours flown "     | 101                                     | 1,359                  | 4,326     | 5,685     | 5,786                  | -                       | -                         | 5,786       | 125,142                  |              |

See footnotes at end of table.

TABLE 1. Operating Statistics, Canadian and Foreign Carriers - All Services - Concluded

December 1965

|                                    | Canadian carriers  |              |                        |           |                        | Total Canadian carriers | Foreign carriers(2)       |                | Grand total all carriers | Year to date    |
|------------------------------------|--------------------|--------------|------------------------|-----------|------------------------|-------------------------|---------------------------|----------------|--------------------------|-----------------|
|                                    | Scheduled carriers |              | Non-scheduled carriers |           | United States carriers |                         | Other Foreign carriers(3) |                |                          |                 |
|                                    | Groups I and II(1) | Group III(1) | Group IV               | Total     |                        |                         |                           |                |                          |                 |
| Total - All services:              |                    |              |                        |           |                        |                         |                           |                |                          |                 |
| Revenue:                           |                    |              |                        |           |                        |                         |                           |                |                          |                 |
| Traffic, miles and hours: (7)      |                    |              |                        |           |                        |                         |                           |                |                          |                 |
| Departures .....                   | 21,294             | 4,059        | 7,318                  | 11,377    | 32,671                 | **                      | 923                       | 48,927         | **                       | 796,587         |
| Hours flown .....                  | 28,144             | 7,169        | 12,371                 | 19,540    | 47,684                 | 320                     | 346,188                   | 9,288,217      | **                       | 124,291,311     |
| Miles flown .....                  | 7,588,572          | 546,878      | 723,034                | 1,269,912 | 8,858,484              | 83,545                  | 71,460                    | 593,660        | **                       | 7,822,399       |
| Passengers carried .....           | 475,925            | 12,361       | 11,576                 | 23,937    | 499,862                | 1,242,828               | 2,415,352                 | 21,853,529 (8) | **                       | 290,805,297 (8) |
| Cargo carried .....                | 14,791,481         | 2,036,127    | 1,191,250              | 3,227,377 | 18,195,349 (8)         | 1,537,320               | 2,722,304                 | 28,397,828     | **                       | 345,453,286     |
| Goods carried .....                | 20,665,706         | 2,237,011    | 1,235,487              | 3,472,498 | 24,138,204             | 36,653                  | 365                       | 29,078         | **                       | 8,362,561       |
| Passenger-miles(6) .....           | 375,402,757        | 4,211,447    | 209,399                | 4,420,846 | 379,823,603            | 231,206                 | 2,616,354                 | 21,971,644     | **                       | 288,701,945     |
| Goods ton-miles(6) .....           | 11,919,042         | 433,397      | 72,256                 | 505,653   | 12,424,695             | 34,038                  | 413,571                   | 3,091,199      | **                       | 41,684,005      |
| Non-revenue:                       |                    |              |                        |           |                        |                         |                           |                | **                       | 27,367,844      |
| Hours flown .....                  | 1,123              | 513          | 516                    | 1,029     | 2,152                  | 2                       | 3                         | 5              | **                       | 9,987,508       |
| Passengers carried .....           | 2,481 (5)          | 94           | 3                      | 97        | 2,578 (5)              | 968                     | 577                       | 3,091,199      | **                       | 51,187          |
| Goods carried .....                | 211,464            | 37,060       | 500                    | 37,560    | 249,024                | 33,618                  | 87,477                    | 21,971,644     | **                       | 466,387         |
| Passenger-miles .....              | 17,334,648         | 400,593      | -                      | 400,593   | 17,735,241             | 36,653                  | 331,120                   | 23,537         | **                       | 346,616         |
| Goods ton-miles .....              | 572,546            | 10,553       | -                      | 10,553    | 583,099                | 365                     | 29,078                    | 29,840         | **                       | 448,873         |
| Fuel and oil consumed:             |                    |              |                        |           |                        |                         |                           |                | **                       | 8,362,561       |
| Turbo fuel - Quantity .....        | 19,118,746         | -            | 5,338                  | 5,338     | 19,124,084             | 231,206                 | 2,616,354                 | 21,971,644     | **                       | 288,701,945     |
| Cost .....                         | 2,642,410          | -            | 1,180                  | 1,180     | 2,643,590              | 34,038                  | 413,571                   | 3,091,199      | **                       | 41,684,005      |
| Gasoline - Quantity .....          | 1,245,145          | 346,165      | 220,464                | 566,629   | 1,811,774              | 1,457                   | 29,294                    | 28,397,828     | **                       | 27,367,844      |
| Cost .....                         | 370,749            | 137,908      | 93,930                 | 231,838   | 602,587                | 383                     | 8,607                     | 611,577        | **                       | 9,987,508       |
| Turbo oil - Quantity .....         | 5,424              | -            | 1                      | 1         | 5,425                  | 24                      | 136                       | 5,585          | **                       | 51,187          |
| Cost .....                         | 50,789             | -            | 15                     | 15        | 50,804                 | 141                     | 512                       | 51,457         | **                       | 466,387         |
| Other oil - Quantity .....         | 14,845             | 3,756        | 4,878                  | 8,634     | 23,479                 | -                       | 58                        | 23,537         | **                       | 346,616         |
| Cost .....                         | 15,462             | 5,666        | 8,661                  | 14,327    | 29,789                 | -                       | 51                        | 29,840         | **                       | 448,873         |
| Average number of employees:       |                    |              |                        |           |                        |                         |                           |                | **                       | 8,362,561       |
| Pilots and co-pilots .....         | 1,126              | 306          | 305                    | 611       | 1,737                  | 231,206                 | 2,616,354                 | 21,971,644     | **                       | 288,701,945     |
| Other flight personnel .....       | 1,157              | 20           | 27                     | 47        | 1,204                  | 34,038                  | 413,571                   | 3,091,199      | **                       | 41,684,005      |
| General management .....           | 330                | 88           | 113                    | 201       | 531                    | 1,457                   | 29,294                    | 28,397,828     | **                       | 27,367,844      |
| Maintenance labour .....           | 3,960              | 354          | 279                    | 633       | 4,593                  | 383                     | 8,607                     | 611,577        | **                       | 9,987,508       |
| Aircraft & traffic servicing ..... | 5,732              | 113          | 44                     | 157       | 5,889                  | 24                      | 136                       | 5,585          | **                       | 51,187          |
| Other personnel .....              | 4,996              | 232          | 262                    | 494       | 5,490                  | 141                     | 512                       | 51,457         | **                       | 466,387         |
| Totals .....                       | 17,301             | 1,113        | 1,030                  | 2,143     | 19,444                 | -                       | 51                        | 29,840         | **                       | 346,616         |
| Salaries and wages paid:           |                    |              |                        |           |                        |                         |                           |                | **                       | 448,873         |
| Pilots and co-pilots .....         | 1,484,213          | 267,434      | 211,257                | 478,691   | 1,962,904              | 289                     | 640                       | 20,373         | **                       | 19,626          |
| Other flight personnel .....       | 576,008            | 9,214        | 10,781                 | 19,995    | 596,003                | **                      | **                        | **             | **                       | **              |
| General management .....           | 319,839            | 122,042      | 92,523                 | 214,565   | 534,404                | **                      | **                        | **             | **                       | **              |
| Maintenance labour .....           | 2,656,454          | 149,776      | 139,458                | 289,234   | 2,945,688              | **                      | **                        | **             | **                       | **              |
| Aircraft & traffic servicing ..... | 3,092,622          | 59,151       | 14,014                 | 73,165    | 3,165,787              | **                      | **                        | **             | **                       | **              |
| Other personnel .....              | 2,778,698          | 111,597      | 103,561                | 215,158   | 2,993,856              | **                      | **                        | **             | **                       | **              |
| Totals .....                       | 10,907,834         | 719,214      | 571,594                | 1,290,808 | 12,198,642             | 180,504                 | 361,627                   | 12,740,773     | **                       | 135,506,955     |

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

(2) See "Foreign Carriers", page 7, last paragraph.

(3) Includes fifth freedom traffic between United States and Canada.

(4) Breakdown into scheduled and non-scheduled service not entirely accurate as some carriers operate the two types of service jointly on certain routes.

(5) Excludes Air Canada.

(6) Excludes chartered aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(7) These data exclude non-transportation services, except for hours flown.

(8) Includes excess baggage.

(9) Data in Tables 4, 5, 6, 7, 8 and 9 included in this table.

TABLE 2. Statement of Income, Canadian Carriers - All Services, by Revenue Group

December 1965

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|                                       | Scheduled carriers |              |               | Non-scheduled carriers |             |               | Grand total   | Year to date |
|---------------------------------------|--------------------|--------------|---------------|------------------------|-------------|---------------|---------------|--------------|
|                                       | Group I            | Group II (1) | Total         | Group III (1)          | Group IV    | Total         |               |              |
|                                       |                    |              |               |                        |             |               | dollars       |              |
| Operating revenues:                   |                    |              |               |                        |             |               |               |              |
| Unit toll transportation:             |                    |              |               |                        |             |               |               |              |
| Passengers .....                      | 21,033,666         | 1,168,762    | 22,202,428    | 182,092                | 20,333      | 202,425       | 22,404,853    | 283,532,834  |
| Express .....                         | 572,678            | 28,734       | 601,412       | 4,612                  | 2,332       | 6,944         | 608,356       | 5,869,929    |
| Freight .....                         | 2,092,332          | 233,530      | 2,325,862     | 73,375                 | 4,235       | 77,610        | 2,403,472     | 22,460,390   |
| Excess baggage .....                  | 134,375            | 16,793       | 151,168       | 5,375                  | 432         | 5,807         | 156,975       | 1,977,482    |
| Mail .....                            | 2,071,796          | 204,828      | 2,276,624     | 67,408                 | 8,896       | 76,304        | 2,352,928     | 18,769,598   |
| Total unit toll transportation ..     | 25,904,847         | 1,652,647    | 27,557,494    | 332,862                | 36,228      | 369,090       | 27,926,584    | 332,610,233  |
| Bulk transportation .....             | 167,757            | 305,339      | 473,096       | 594,980                | 655,577     | 1,250,557     | 1,723,653     | 47,192,307   |
| Total transportation .....            | 26,072,604         | 1,957,986    | 28,030,590    | 927,842                | 691,805     | 1,619,647     | 29,650,237    | 379,802,540  |
| Other flying services .....           | 1,004              | 17,896       | 18,900        | 120,815                | 82,688      | 203,503       | 222,403       | 7,348,191    |
| Total flying services .....           | 26,073,608         | 1,975,882    | 28,049,490    | 1,048,657              | 774,493     | 1,823,150     | 29,872,640    | 387,150,731  |
| Non-flying services .....             | 10,353             | 123,933      | 133,580       | 175,078                | 141,421     | 316,499       | 430,079       | 5,260,803    |
| Total operating revenues .....        | 26,063,255         | 2,099,815    | 28,163,070    | 1,223,735              | 915,914     | 2,139,649     | 30,302,719    | 392,411,534  |
| Operating expenses:                   |                    |              |               |                        |             |               |               |              |
| Flying operations .....               | 7,591,945          | 634,502      | 8,226,447     | 401,531                | 496,738     | 898,269       | 9,124,716     | 98,985,765   |
| Maintenance .....                     | 5,339,576          | 718,420      | 6,057,996     | 402,595                | 549,936     | 952,531       | 7,010,527     | 81,821,903   |
| General services and administration:  |                    |              |               |                        |             |               |               |              |
| Passenger service .....               | 1,195,393          | 84,560       | 1,279,953     | ..                     | ..          | ..            | ..            | ..           |
| Aircraft and traffic servicing ..     | 4,055,038          | 374,551      | 4,429,589     | ..                     | ..          | ..            | ..            | ..           |
| Promotion and sales .....             | 4,364,558          | 183,569      | 4,548,127     | ..                     | ..          | ..            | ..            | ..           |
| General administration .....          | 1,098,552          | 209,741      | 1,308,293     | ..                     | ..          | ..            | ..            | ..           |
| Totals .....                          | 10,713,541         | 852,421      | 11,565,962    | 574,765                | 343,040     | 917,805       | 12,483,767    | 146,564,376  |
| Depreciation and amortization ..      | 3,530,258          | 130,644      | 3,660,902     | 176,147                | 194,555     | 370,502       | 4,031,404     | 40,012,365   |
| Total operating expenses .....        | 27,175,320         | 2,335,987    | 29,511,307    | 1,555,038              | 1,584,069   | 3,139,107     | 32,650,414    | 367,384,409  |
| Operating income (loss) .....         | Dr. 1,112,065      | Dr. 236,172  | Dr. 1,348,237 | Dr. 331,303            | Dr. 668,155 | Dr. 999,458   | Dr. 2,347,695 | 25,027,125   |
| Non-operating income - Net:           |                    |              |               |                        |             |               |               |              |
| Capital gains and losses .....        | 85,276             | 13,119       | 98,395        | 20,460                 | 22,684      | 43,144        | 141,539       | 821,793      |
| Interest and discounts .....          | 392,004            | 2,079        | 394,083       | 24,334                 | 5,364       | 18,970        | 413,053       | 3,354,914    |
| Miscellaneous non-operating income .. | 52,802             | Dr. 4,203    | 48,599        | Dr. 24,265             | 222         | Dr. 24,487    | 24,112        | Dr. 258,677  |
| Income before interest expense .....  | Dr. 581,983        | Dr. 225,177  | Dr. 807,160   | Dr. 310,774            | Dr. 651,057 | Dr. 961,831   | Dr. 1,768,991 | 28,945,155   |
| Interest expense .....                | 2,992,470          | 57,016       | 3,049,486     | 47,072                 | 67,626      | 114,698       | 3,164,184     | 14,948,800   |
| Income before income taxes .....      | Dr. 3,574,453      | Dr. 282,193  | Dr. 3,856,646 | Dr. 357,846            | Dr. 718,683 | Dr. 1,076,529 | Dr. 4,933,175 | 13,996,355   |
| Provision for income taxes .....      | -                  | Dr. 123,173  | Cr. 123,173   | Cr. 149,525            | Cr. 117,146 | Cr. 32,379    | Cr. 90,794    | 922,027      |
| Net income after income taxes .....   | Dr. 3,574,453      | Dr. 159,020  | Dr. 3,733,473 | Dr. 507,371            | Dr. 601,537 | Dr. 1,108,908 | Dr. 4,842,381 | 13,074,328   |

(1) Group II non-scheduled carriers included with Group III for purposes of this report.

(2) Data in Tables 3, 8 and 10 included in this table.

TABLE 3. Statement of Income, Canadian Scheduled Carriers - All Services, by Company

December 1965

|                                       | Air<br>Canada | Canadian<br>Pacific<br>Air Lines | Eastern<br>Provincial<br>Airways<br>(1963) | Pacific<br>Western<br>Airlines | Quebecair<br>Inc. | Transair<br>Ltd. | Total         | Year<br>to<br>date |
|---------------------------------------|---------------|----------------------------------|--|--------------------------------|-------------------|------------------|---------------|--------------------|
| dollars                               |               |                                  |  |                                |                   |                  |               |                    |
| Operating revenues:                   |               |                                  |  |                                |                   |                  |               |                    |
| Unit toll transportation:             |               |                                  |  |                                |                   |                  |               |                    |
| Passengers .....                      | 16,591,691    | 4,441,975                        | 205,074                                    | 482,329                        | 310,112           | 171,247          | 22,202,428    | 280,059,309        |
| Express .....                         | 530,562       | 42,116                           | 6,071                                      | 18,352                         | -                 | 4,311            | 601,412       | 5,759,631          |
| Freight .....                         | 1,616,356     | 475,796                          | 63,805                                     | 94,690                         | 51,775            | 23,260           | 2,325,862     | 21,265,129         |
| Excess baggage .....                  | 90,480        | 43,895                           | 2,207                                      | 9,074                          | 4,936             | 576              | 151,168       | 1,902,055          |
| Mail .....                            | 1,575,058     | 496,738                          | 66,268                                     | 69,706                         | 20,869            | 247,985          | 2,276,624     | 18,066,187         |
| Total unit toll transportation ..     | 20,404,327    | 5,500,520                        | 343,425                                    | 674,151                        | 387,692           | 477,379          | 27,557,494    | 327,052,311        |
| Bulk transportation .....             | 118,263       | 49,494                           | 51,073                                     | 142,488                        | 4,788             | 106,990          | 473,096       | 17,969,658         |
| Total transportation .....            | 20,522,590    | 5,550,014                        | 394,498                                    | 816,639                        | 392,480           | 354,369          | 28,030,590    | 345,021,969        |
| Other flying services .....           | 1,004         | -                                | 17,896                                     | -                              | -                 | -                | 18,900        | 362,946            |
| Total flying services .....           | 20,523,594    | 5,550,014                        | 412,394                                    | 816,639                        | 392,480           | 354,369          | 28,049,490    | 345,384,915        |
| Non-flying services .....             | 184,757       | 174,404                          | 16,658                                     | 16,320                         | 81,435            | 9,520            | 113,580       | 2,644,320          |
| Total operating revenues .....        | 20,338,837    | 5,724,418                        | 429,052                                    | 832,959                        | 473,915           | 363,889          | 28,163,070    | 348,229,235        |
| Operating expenses:                   |               |                                  |  |                                |                   |                  |               |                    |
| Flying operations .....               | 5,817,942     | 1,774,003                        | 188,123                                    | 186,108                        | 109,615           | 150,656          | 8,226,447     | 82,184,475         |
| Maintenance .....                     | 4,423,698     | 915,878                          | 207,438                                    | 187,967                        | 121,766           | 201,249          | 6,057,996     | 69,859,882         |
| General services and administrations: |               |                                  |  |                                |                   |                  |               |                    |
| Passenger service .....               | 595,690       | 599,703                          | 17,682                                     | 29,350                         | 15,143            | 22,385           | 1,279,953     | 25,921,643         |
| Aircraft and traffic servicing .....  | 3,403,158     | 651,880                          | 139,113                                    | 164,850                        | 38,383            | 32,205           | 4,429,589     | 46,689,123         |
| Promotion and sales .....             | 3,175,312     | 1,189,246                        | 11,664                                     | 37,606                         | 46,061            | 88,238           | 4,548,127     | 52,146,767         |
| General administration .....          | 824,747       | 273,805                          | 39,176                                     | 88,064                         | 58,752            | 23,749           | 1,308,293     | 13,931,687         |
| Totals .....                          | 7,998,907     | 2,714,634                        | 207,635                                    | 319,870                        | 158,339           | 166,577          | 11,565,962    | 138,689,320        |
| Depreciation and amortization .....   | 3,339,769     | 190,489                          | 46,418                                     | 53,814                         | 26,006            | 4,406            | 3,660,902     | 36,280,915         |
| Total operating expenses .....        | 21,580,316    | 5,595,004                        | 649,614                                    | 747,759                        | 415,726           | 522,888          | 29,511,307    | 327,014,492        |
| Operating income (loss) .....         | Dr. 1,241,479 | 129,414                          | Dr. 220,562                                | 85,200                         | 58,189            | Dr. 158,999      | Dr. 1,348,237 | 21,214,743         |
| Non-operating income - Net:           |               |                                  |  |                                |                   |                  |               |                    |
| Capital gains and losses .....        | 83,746        | 1,530                            | -  | -                              | -                 | 13,119           | 98,395        | 389,802            |
| Interest and discounts .....          | 315,602       | 76,402                           | 3  | -                              | -                 | 2,076            | 394,083       | 3,279,044          |
| Miscellaneous non-operating income .. | 53,582        | Dr. 780                          | 22   | 243                            | Dr. 446           | 4,022            | 48,599        | Dr. 311,396        |
| Income before interest expense .....  | Dr. 788,549   | 206,566                          | Dr. 220,537                                | 85,443                         | 57,743            | Dr. 147,826      | Dr. 807,160   | 24,572,193         |
| Interest expense .....                | 966,921       | 2,025,549                        | 35,845                                     | 9,327                          | 9,108             | 2,736            | 3,049,486     | 13,952,023         |
| Income before income taxes .....      | Dr. 1,755,470 | Dr. 1,818,983                    | Dr. 256,382                                | 76,116                         | 48,635            | Dr. 150,562      | Dr. 3,856,646 | 10,620,170         |
| Provision for income taxes .....      | -             | -                                | -  | 84,212                         | -                 | Dr. 38,961       | Dr. 123,173   | 286,292            |
| Net income after income taxes .....   | Dr. 1,755,470 | Dr. 1,818,983                    | Dr. 256,382                                | 160,328                        | 48,635            | Dr. 111,601      | Dr. 3,733,473 | 10,333,878         |



TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company

December 1965

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|   | Group I carriers |                            |             | Group II carriers                 |                             |                    |                   |            | Grand total |
|---|------------------|----------------------------|-------------|-----------------------------------|-----------------------------|--------------------|-------------------|------------|-------------|
|   | Air Canada       | Canadian Pacific Air Lines | Total       | Eastern Provincial Airways (1963) | Pacific Western Airlines(1) | Quebecair Inc. (1) | Transair Ltd. (1) | Total (1)  |             |
| Revenue transportation services:                      |                  |                            |             |                                   |                             |                    |                   |            |             |
| Unit toll:  |                  |                            |             |                                   |                             |                    |                   |            |             |
| Departures .....                                      | 12,420           | 1,887                      | 14,307      | 1,328                             | 1,505                       | 1,649              | 1,358             | 5,840      | 20,147      |
| Hours flown .....                                     | 17,077           | 3,837                      | 20,914      | 1,427                             | 1,466                       | 1,213              | 1,429             | 5,535      | 26,449      |
| Miles scheduled .....                                 | 4,736,612        | 1,345,009                  | 6,081,621   | 64,160                            | 196,932                     | 91,401             | 145,146           | 497,639    | 6,579,260   |
| Miles flown:  |                  |                            |             |                                   |                             |                    |                   |            |             |
| Scheduled .....                                       | 4,589,789        | 1,326,013                  | 5,915,802   | 57,385                            | 194,213                     | 84,020             | 139,964           | 475,582    | 6,391,384   |
| Extra section .....                                   | 646,905          | 51,382                     | 498,287     | 2,065                             | 29,983                      | 9,303              | 2,452             | 43,803     | 542,090     |
| Non-scheduled .....                                   | 5,036,694        | 1,377,395                  | 6,414,089   | 146,007                           | 52,628                      | 104,310            | 68,676            | 371,621    | 7,305,095   |
| Totals .....  |                  |                            |             | 205,457                           | 276,824                     | 197,633            | 211,092           | 891,006    |             |
| Ratio of regular miles flown to miles scheduled ..... | 96.9             | 98.6                       | 97.3        | 89.4                              | 98.6                        | 91.9               | 96.4              | 95.6       | 97.1        |
| Passengers carried .....                              | 373,321          | 48,497                     | 421,818     | 8,066                             | 19,873                      | 14,188             | 7,248             | 49,375     | 471,193     |
| Goods carried:  |                  |                            |             |                                   |                             |                    |                   |            |             |
| Freight .....   | 9,617,734        | 1,098,805                  | 10,716,539  | 539,274                           | 587,699                     | 232,168            | 154,308           | 1,513,449  | 12,229,988  |
| Express .....   | 1,332,863        | 121,284                    | 1,454,147   | 44,378                            | 47,607                      | -                  | 16,921            | 108,906    | 1,563,053   |
| Excess baggage .....                                  | ..               | 25,762                     | 25,762      | 10,860                            | 69,492                      | 34,985             | 1,483             | 116,820    | 142,582(2)  |
| Mail .....  | 4,586,010        | 380,228                    | 4,966,238   | 275,625                           | 229,316                     | 52,870             | 207,594           | 765,405    | 5,731,643   |
| Totals .....  | 15,536,607       | 1,626,079                  | 17,162,686  | 870,137                           | 934,114                     | 320,023            | 380,306           | 2,504,580  | 19,667,266  |
| Passenger-miles:                                      |                  |                            |             |                                   |                             |                    |                   |            |             |
| Scheduled .....                                       | 273,816,535      | 81,399,483                 | 355,216,018 | 604,437                           | 4,764,934                   | 1,687,015          | 1,926,989         | 8,983,375  | 364,199,393 |
| Non-scheduled .....                                   | -                | -                          | -           | 1,514,256                         | 315,738                     | 1,473,040          | 220,237           | 3,523,291  | 3,523,291   |
| Totals .....  | 273,816,535      | 81,399,483                 | 355,216,018 | 2,118,693                         | 5,080,692                   | 3,160,055          | 2,147,226         | 12,506,666 | 367,722,684 |
| Available seat-miles on scheduled services .....      | 467,009,638      | 169,153,165                | 636,162,803 | 1,903,218                         | 11,827,814                  | 3,279,538          | 7,753,895         | 24,764,465 | 660,927,268 |
| Passenger load factor on scheduled services .....     | 58.6             | 48.1                       | 55.8        | 31.8                              | 40.3                        | 51.4               | 24.9              | 36.3       | 55.1        |
| Goods ton-miles:                                      |                  |                            |             |                                   |                             |                    |                   |            |             |
| Freight - Scheduled .....                             | 6,159,636        | 1,489,104                  | 7,648,740   | 5,626                             | 184,440                     | 20,176             | 11,953            | 222,195    | 7,870,935   |
| Non-scheduled .....                                   | -                | -                          | -           | 132,904                           | 6,715                       | 18,988             | 10,937            | 169,544    | 169,544     |
| Totals .....  | 6,159,636        | 1,489,104                  | 7,648,740   | 138,530                           | 191,155                     | 39,164             | 22,890            | 391,739    | 8,040,479   |
| Express - Scheduled .....                             | 564,423          | 47,852                     | 612,275     | 1,265                             | 13,762                      | -                  | 3,368             | 18,395     | 630,670     |
| Non-scheduled .....                                   | -                | -                          | -           | 2,410                             | -                           | -                  | 185               | 2,595      | 2,595       |
| Totals .....  | 564,423          | 47,852                     | 612,275     | 3,675                             | 13,762                      | -                  | 3,553             | 20,990     | 633,265     |

See footnotes at end of table.

TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Continued

December 1965

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|   | Group I carriers |                            |             | Group II carriers                 |                             |                    |                   |            | Grand total |
|---|------------------|----------------------------|-------------|-----------------------------------|-----------------------------|--------------------|-------------------|------------|-------------|
|   | Air Canada       | Canadian Pacific Air Lines | Total       | Eastern Provincial Airways (1963) | Pacific Western Airlines(1) | Quebecair Inc. (1) | Transair Ltd. (1) | Total (1)  |             |
| Revenue transportation services - Concluded:      |                  |                            |             |                                   |                             |                    |                   |            |             |
| Unit toll - Concluded:                            |                  |                            |             |                                   |                             |                    |                   |            |             |
| Goods ton-miles - Concluded:                      |                  |                            |             |                                   |                             |                    |                   |            |             |
| Excess baggage - Scheduled .....                  | 149,673          | 48,291                     | 197,964     | 213                               | 6,204                       | 1,823              | 267               | 8,507      | 206,471     |
| Non-scheduled ..                                  | -                | -                          | -           | 2,033                             | 244                         | 1,849              | 38                | 4,164      | 4,164       |
| Totals .....                                      | 149,673          | 48,291                     | 197,964     | 2,246                             | 6,448                       | 3,672              | 305               | 12,671     | 210,635     |
| Mail - Scheduled .....                            | 2,204,895        | 398,940                    | 2,603,835   | 1,819                             | 64,746                      | 6,062              | 9,011             | 81,638     | 2,685,473   |
| Non-scheduled ..                                  | -                | -                          | -           | 53,468                            | 770                         | 4,998              | 14,262            | 73,498     | 73,498      |
| Totals .....                                      | 2,204,895        | 398,940                    | 2,603,835   | 55,287                            | 65,516                      | 11,060             | 23,273            | 155,136    | 2,738,971   |
| Total - Scheduled .....                           | 9,078,627        | 1,984,187                  | 11,062,814  | 8,923                             | 269,152                     | 28,061             | 24,599            | 330,735    | 11,393,549  |
| Non-scheduled .....                               | -                | -                          | -           | 190,815                           | 7,729                       | 25,835             | 25,422            | 249,801    | 249,801     |
| Totals .....                                      | 9,078,627        | 1,984,187                  | 11,062,814  | 199,738                           | 276,881                     | 53,896             | 50,021            | 580,536    | 11,643,350  |
| Available ton-miles on scheduled services .....   | 72,649,126       | 21,865,676                 | 94,514,802  | 232,712                           | 1,633,465                   | 328,933            | 751,061           | 2,946,171  | 97,460,973  |
| Weight load factor on scheduled services(3) ..... | 50.2             | 46.3                       | 49.3        | 29.8                              | 45.6                        | 59.8               | 28.9              | 41.7       | 49.1        |
| Bulk:   |                  |                            |             |                                   |                             |                    |                   |            |             |
| Departures .....                                  | 38               | 8                          | 46          | 191                               | 815                         | 30                 | 65                | 1,101      | 1,147       |
| Hours flown .....                                 | 130              | 49                         | 179         | 251                               | 831                         | 31                 | 302               | 1,415      | 1,594       |
| Miles flown .....                                 | 55,752           | 23,014                     | 78,766      | 26,295                            | 118,187                     | 4,317              | 55,912            | 204,711    | 283,477     |
| Passengers carried .....                          | 1,392            | 489                        | 1,881       | 463                               | 1,685                       | 47                 | 656               | 2,851      | 4,732       |
| Freight carried .....                             | -                | -                          | -           | 107,636                           | 600,378                     | -                  | 290,426           | 998,440    | 998,440     |
| Passenger-miles(4) .....                          | 3,472,493        | 1,523,349                  | 4,995,842   | 66,481                            | 1,799,499                   | 42,287             | 775,964           | 2,684,231  | 7,680,073   |
| Goods ton-miles(4) .....                          | -                | -                          | -           | 17,363                            | 52,914                      | -                  | 205,415           | 275,692    | 275,692     |
| Revenue non-transportation services:              |                  |                            |             |                                   |                             |                    |                   |            |             |
| Specialty flying - Hours flown .....              | 3                | -                          | 3           | 98                                | -                           | -                  | -                 | 98         | 101         |
| Total - All services:                             |                  |                            |             |                                   |                             |                    |                   |            |             |
| Traffic, hours and miles:(5)                      |                  |                            |             |                                   |                             |                    |                   |            |             |
| Revenue:  |                  |                            |             |                                   |                             |                    |                   |            |             |
| Departures .....                                  | 12,458           | 1,895                      | 14,353      | 1,519                             | 2,320                       | 1,679              | 1,423             | 6,941      | 21,294      |
| Hours flown .....                                 | 17,210           | 3,886                      | 21,096      | 1,776                             | 2,297                       | 1,244              | 1,731             | 7,048      | 28,144      |
| Miles flown .....                                 | 5,092,446        | 1,400,409                  | 6,492,855   | 231,752                           | 395,011                     | 201,950            | 267,004           | 1,095,717  | 7,588,572   |
| Passengers carried .....                          | 374,713          | 48,988                     | 423,699     | 8,529                             | 21,558                      | 14,235             | 7,904             | 52,226     | 475,925     |
| Cargo carried .....                               | 10,950,597       | 1,220,079                  | 12,170,666  | 691,288                           | 1,235,684                   | 232,168            | 461,655           | 2,620,795  | 14,791,481  |
| Goods carried .....                               | 15,536,607       | 1,626,007                  | 17,162,666  | 977,773                           | 1,534,492                   | 320,023            | 670,732           | 3,503,020  | 20,665,706  |
| Passenger-miles(4) .....                          | 277,289,028      | 82,922,832                 | 360,211,860 | 2,185,174                         | 6,880,191                   | 3,202,342          | 2,923,190         | 15,190,897 | 375,402,757 |
| Goods ton-miles(4) .....                          | 9,078,627        | 1,984,187                  | 11,062,814  | 217,101                           | 329,795                     | 53,896             | 255,436           | 856,228    | 11,919,042  |

See footnotes at end of table.



TABLE 4. Operating Statistics, Canadian Scheduled Carriers - All Services, by Company - Concluded

December 1965

|   | Group I carriers |                            |            | Group II carriers                 |                              |                    |                   |           | Grand total |
|---|------------------|----------------------------|------------|-----------------------------------|------------------------------|--------------------|-------------------|-----------|-------------|
|   | Air Canada       | Canadian Pacific Air Lines | Total      | Eastern Provincial Airways (1963) | Pacific Western Airlines (1) | Quebecair Inc. (1) | Transair Ltd. (1) | Total (1) |             |
| Total - All services - Concluded:         |                  |                            |            |                                   |                              |                    |                   |           |             |
| Traffic, hours and miles - Concluded: (5) |                  |                            |            |                                   |                              |                    |                   |           |             |
| Non-revenue:                              |                  |                            |            |                                   |                              |                    |                   |           |             |
| Hours flown ..... No.                     | 711              | 99                         | 810        | 84                                | 105                          | 53                 | 71                | 313       | 1,123       |
| Passengers carried ..... "                | ..               | 1,618                      | 1,618      | 136                               | 368                          | 245                | 114               | 863       | 2,481 (2)   |
| Goods carried ..... lb.                   | ..               | 117,477                    | 117,477    | 49,629                            | 33,775                       | -                  | 10,583            | 93,987    | 211,464 (2) |
| Passenger-miles ..... No.                 | 13,392,816       | 3,913,876                  | 17,306,692 | 153,377                           | 147,849                      | 73,803             | 62,428            | 437,257   | 17,743,949  |
| Goods ton-miles ..... "                   | 331,615          | 212,975                    | 544,590    | 11,636                            | 14,038                       | -                  | 2,282             | 27,956    | 572,546     |
| Fuel and oil consumed:                    |                  |                            |            |                                   |                              |                    |                   |           |             |
| Turbo fuel - Quantity ..... gal.          | 14,836,485       | 3,943,151                  | 18,779,636 | 110,126                           | -                            | 143,861            | 85,123            | 339,110   | 19,118,746  |
| Cost ..... \$                             | 1,929,147        | 643,923                    | 2,573,070  | 23,126                            | -                            | 30,211             | 16,003            | 69,340    | 2,642,410   |
| Gasoline - Quantity ..... gal.            | -                | 508,140                    | 508,140    | 104,067                           | 351,066                      | 44,776             | 237,096           | 737,005   | 1,285,145   |
| Cost ..... \$                             | -                | 119,209                    | 119,209    | 32,732                            | 124,263                      | 14,776             | 79,769            | 251,540   | 370,749     |
| Turbo oil - Quantity ..... gal.           | 4,111            | 535                        | 4,646      | 56                                | -                            | 716                | 6                 | 778       | 5,424       |
| Cost ..... \$                             | 41,299           | 6,082                      | 47,381     | 840                               | -                            | 2,508              | 60                | 3,408     | 50,789      |
| Other oil - Quantity ..... gal.           | -                | 6,147                      | 6,147      | 1,602                             | 4,019                        | 1,132              | 1,945             | 8,698     | 14,845      |
| Cost ..... \$                             | -                | 5,576                      | 5,576      | 2,003                             | 5,024                        | 906                | 1,953             | 9,886     | 15,462      |
| Average number of employees:              |                  |                            |            |                                   |                              |                    |                   |           |             |
| Pilots and co-pilots ..... No.            | 670              | 229                        | 899        | 57                                | 87                           | 33                 | 50                | 227       | 1,126       |
| Other flight personnel ..... "            | ..               | 286                        | 1,060      | 19                                | 35                           | 15                 | 28                | 97        | 1,157       |
| General management ..... "                | 69               | 114                        | 183        | 8                                 | 60                           | 57                 | 22                | 141       | 330         |
| Maintenance labour ..... "                | 2,768            | 570                        | 3,338      | 207                               | 207                          | 108                | 100               | 622       | 3,960       |
| Aircraft and traffic servicing ..... "    | 4,315            | 972                        | 5,287      | 124                               | 106                          | 125                | 90                | 445       | 5,732       |
| Other personnel ..... "                   | 4,113            | 735                        | 4,848      | 48                                | 25                           | 13                 | 62                | 148       | 4,996       |
| Total employees ..... "                   | 12,709           | 2,906                      | 15,615     | 463                               | 520                          | 351                | 352               | 1,686     | 17,301      |
| Salaries and wages:                       |                  |                            |            |                                   |                              |                    |                   |           |             |
| Pilots and co-pilots ..... \$             | 958,434          | 305,315                    | 1,263,749  | 64,764                            | 71,756                       | 30,935             | 53,009            | 220,464   | 1,484,213   |
| Other flight personnel ..... \$           | 389,231          | 149,418                    | 538,649    | 7,417                             | 13,917                       | 5,959              | 10,066            | 37,359    | 576,008     |
| General management ..... \$               | 125,205          | 102,075                    | 227,280    | 8,166                             | 32,628                       | 26,736             | 25,029            | 92,559    | 319,839     |
| Maintenance labour ..... \$               | 1,671,148        | 391,730                    | 2,062,878  | 124,313                           | 116,417                      | 279,109            | 73,737            | 593,576   | 2,656,454   |
| Aircraft and traffic servicing ..... \$   | 2,419,201        | 463,592                    | 2,882,793  | 61,729                            | 67,949                       | 50,711             | 29,440            | 209,829   | 3,092,622   |
| Other personnel ..... \$                  | 2,305,023        | 358,558                    | 2,663,581  | 25,689                            | 5,275                        | 71,196             | 12,957            | 115,117   | 2,778,698   |
| Total salaries and wages ..... \$         | 7,868,242        | 1,770,688                  | 9,638,930  | 292,078                           | 307,942                      | 464,646            | 204,238           | 1,268,904 | 10,907,834  |

(1) Routes included in scheduled or non-scheduled services according to predominant class of service.

(2) Excludes Air Canada.

(3) Standard passenger weight used: 200 pounds.

(4) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

(5) These data exclude non-transportation services, except for hours flown.

TABLE 5. Revenue Interline Traffic(1), Canadian Scheduled Carriers - All Services, by Company

December 1965

|                                | Air<br>Canada | Canadian<br>Pacific<br>Air Lines | Eastern<br>Provincial<br>Airways<br>(1963) | Pacific<br>Western<br>Airlines | Quebecair<br>Inc. | Transair<br>Ltd. | Total      |
|--------------------------------|---------------|----------------------------------|--|--------------------------------|-------------------|------------------|------------|
| <b>Passengers carried:</b>     |               |                                  |  |                                |                   |                  |            |
| Originated .....               | 318,750       | 41,021                           | 5,466                                      | 18,387                         | 14,188            | 6,545            | 404,357    |
| Domestic interline .....       | (             | 3,197                            | 1,497                                      | -                              | -                 | -                | )          |
| Foreign interline .....        | 54,571        | 3,834                            | -  | -                              | -                 | -                | 63,099     |
| Totals(2) .....                | 373,321       | 48,052                           | 6,963                                      | 18,387                         | 14,188            | 6,545            | 467,456    |
| <b>Express carried:</b>        |               |                                  |  |                                |                   |                  |            |
| Originated .....               | 1,332,863     | 121,284                          | 35,563                                     | 47,607                         | -                 | 16,921           | 1,554,238  |
| Domestic interline .....       | "             | -                                | -  | -                              | -                 | -                | -          |
| Foreign interline .....        | "             | -                                | -  | -                              | -                 | -                | -          |
| Totals(2) .....                | 1,332,863     | 121,284                          | 35,563                                     | 47,607                         | -                 | 16,921           | 1,554,238  |
| <b>Freight carried:</b>        |               |                                  |  |                                |                   |                  |            |
| Originated .....               | 9,617,734     | 856,247                          | 501,742                                    | 496,583                        | 232,168           | 64,511           | 11,768,985 |
| Domestic interline .....       | "             | 32,413                           | -  | -                              | -                 | -                | 32,413     |
| Foreign interline .....        | "             | 89,055                           | -  | -                              | -                 | -                | 89,055     |
| Totals(2) .....                | 9,617,734     | 977,715                          | 501,742                                    | 496,583                        | 232,168           | 64,511           | 11,890,453 |
| <b>Excess baggage carried:</b> |               |                                  |  |                                |                   |                  |            |
| Originated .....               | "             | 25,762                           | 9,663                                      | 67,026                         | 34,985            | 1,228            | 138,664(3) |
| Domestic interline .....       | "             | -                                | -  | -                              | -                 | -                | -          |
| Foreign interline .....        | "             | -                                | -  | -                              | -                 | -                | -          |
| Totals(2) .....                | "             | 25,762                           | 9,663                                      | 67,026                         | 34,985            | 1,228            | 138,664(3) |
| <b>Mail carried:</b>           |               |                                  |  |                                |                   |                  |            |
| Originated .....               | 4,586,010     | 380,228                          | 244,526                                    | 218,793                        | 52,870            | 45,192           | 5,527,619  |
| Domestic interline .....       | "             | -                                | -  | -                              | -                 | -                | -          |
| Foreign interline .....        | "             | -                                | -  | -                              | -                 | -                | -          |
| Totals(2) .....                | 4,586,010     | 380,228                          | 244,526                                    | 218,793                        | 52,870            | 45,192           | 5,527,619  |

(1) Includes only scheduled and non-scheduled services designated as mainline by the Air Transport Board.

(2) Excludes division interline.

(3) Excludes Air Canada.

TABLE 6. Operating Statistics, Canadian International Carriers - All Revenue Services, by area of Service  
December 1965

|  | Trans-<br>Border<br>Services | Trans-<br>Atlantic<br>and Polar<br>Services | Southern<br>Services | Pacific<br>and<br>Orient<br>Services | Total<br>International<br>Services | Domestic<br>Services | Grand<br>total |
|--|------------------------------|---|----------------------|--------------------------------------|------------------------------------|----------------------|----------------|
| Unit toll:   |                              |   |                      |                                      |                                    |                      |                |
| Departures .....   | 1,847                        | 477   | 600                  | 161                                  | 3,085                              | 11,222               | 14,307         |
| Hours flown .....  | 2,668                        | 1,788                                       | 1,771                | 983                                  | 7,210                              | 13,704               | 20,914         |
| Miles scheduled .....                                    | 596,729                      | 864,392                                     | 702,659              | 442,178                              | 2,605,958                          | 3,475,663            | 6,081,621      |
| Miles flown:   |                              |   |                      |                                      |                                    |                      |                |
| Scheduled - Regular .....                                | 576,060                      | 847,419                                     | 697,979              | 431,110                              | 2,552,568                          | 3,363,234            | 5,915,802      |
| Extra sections .....                                     | 31,677                       | -   | 64,651               | 33,204                               | 129,532                            | 368,755              | 498,287        |
| Non-scheduled .....                                      | -                            | -   | -                    | -                                    | -                                  | -                    | -              |
| Totals .....   | 607,737                      | 847,419                                     | 762,630              | 464,314                              | 2,682,100                          | 3,731,989            | 6,414,089      |
| Ratio of regular miles flown to miles<br>scheduled ..... | 96.5                         | 98.0  | 99.3                 | 97.5                                 | 99.0                               | 96.8                 | 97.3           |
| Passengers carried .....                                 | ...                          | ...   | ...                  | ...                                  | ...                                | 284,369              | 421,818        |
| Cargo carried .....                                      | ...                          | ...   | ...                  | ...                                  | ...                                | 7,529,768            | 12,196,448     |
| Mail carried .....                                       | ...                          | ...   | ...                  | ...                                  | ...                                | 4,187,263            | 4,966,238      |
| Passenger-miles .....                                    | 31,265,474                   | 54,722,333                                  | 48,481,213           | 26,329,780                           | 160,798,800                        | 194,417,218          | 355,216,018    |
| Available seat-miles on scheduled services               | 48,477,489                   | 109,394,428                                 | 99,707,337           | 59,345,864                           | 316,925,118                        | 319,237,685          | 636,162,803    |
| Passenger load factor on scheduled services              | 64.5                         | 50.0  | 48.6                 | 44.4                                 | 50.7                               | 60.9                 | 55.8           |
| Goods ton-miles:   |                              |   |                      |                                      |                                    |                      |                |
| Express .....  | 69,979                       | -   | -                    | -                                    | 69,979                             | 542,296              | 612,275        |
| Freight .....  | 443,297                      | 2,225,113                                   | 571,526              | 567,897                              | 3,807,833                          | 3,840,907            | 7,648,740      |
| Excess baggage .....                                     | 6,915                        | 55,256                                      | 47,842               | 16,461                               | 126,474                            | 71,490               | 197,964        |
| Mail .....   | 59,451                       | 605,471                                     | 98,676               | 196,323                              | 959,921                            | 1,643,914            | 2,603,835      |
| Totals .....   | 579,642                      | 2,885,840                                   | 718,044              | 780,681                              | 4,964,207                          | 6,098,607            | 11,062,814     |
| Available ton-miles on scheduled service ....            | 6,628,225                    | 16,617,792                                  | 13,579,401           | 3,024,327                            | 44,845,745                         | 49,665,057           | 94,514,802     |
| Weight load factor on scheduled services(1)              | 55.9                         | 50.3  | 41.0                 | 42.5                                 | 46.9                               | 51.4                 | 49.3           |
| Bulk:  |                              |   |                      |                                      |                                    |                      |                |
| Departures .....   | 56                           | 22  | 18                   | 2                                    | 98                                 | ...                  | ...            |
| Hours flown .....  | 89                           | 175   | 90                   | 8                                    | 362                                | ...                  | ...            |
| Miles flown .....  | 19,670                       | 74,032                                      | 26,489               | 3,894                                | 124,085                            | ...                  | ...            |
| Passengers carried .....                                 | 318                          | 1,311                                       | 1,061                | 135                                  | 2,825                              | ...                  | ...            |
| Goods carried .....                                      | -                            | -   | -                    | -                                    | -                                  | ...                  | ...            |
| Passenger-miles(2) .....                                 | 157,462                      | 6,083,690                                   | 2,376,193            | 262,845                              | 8,880,190                          | ...                  | ...            |
| Goods ton-miles(2) .....                                 | -                            | -   | -                    | -                                    | -                                  | ...                  | ...            |
| Total:   |                              |   |                      |                                      |                                    |                      |                |
| Departures .....   | 1,903                        | 499   | 618                  | 163                                  | 3,183                              | ...                  | ...            |
| Hours flown .....  | 2,757                        | 1,963                                       | 1,861                | 991                                  | 7,572                              | ...                  | ...            |
| Miles flown .....  | 627,407                      | 921,451                                     | 789,119              | 468,208                              | 2,806,185                          | ...                  | ...            |
| Passengers carried .....                                 | ...                          | ...   | ...                  | ...                                  | 140,274                            | ...                  | ...            |
| Goods carried .....                                      | ...                          | ...   | ...                  | ...                                  | 5,445,655                          | ...                  | ...            |
| Passenger-miles(2) .....                                 | 31,422,936                   | 60,806,023                                  | 50,857,406           | 26,592,625                           | 169,678,990                        | ...                  | ...            |
| Goods ton-miles(2) .....                                 | 579,642                      | 2,885,840                                   | 718,044              | 780,681                              | 4,964,207                          | ...                  | ...            |

(1) Standard passenger weight used: 200 pounds.

(2) Excludes charter aircraft not having a maximum authorized take-off weight on wheels in excess of 18,000 pounds.

TABLE 7. Revenue Traffic Leaving and Entering Canada, Canadian and Foreign Carriers, by Area of Service(1)

|   | United States         |                         |           | Europe                    |                         |           |
|---|-----------------------|-------------------------|-----------|---------------------------|-------------------------|-----------|
|   | Leaving<br>Canada for | Entering<br>Canada from | Total     | Leaving<br>Canada for     | Entering<br>Canada from | Total     |
| Passengers carried:                             |                       |                         |           |                           |                         |           |
| Unit toll ..... No.                             | 91,473                | 82,166                  | 173,639   | 16,383                    | 16,326                  | 32,709    |
| Bulk ..... "                                    | 208                   | 71                      | 279       | 2,266                     | 220                     | 2,486     |
| Totals ..... "                                  | 91,681                | 82,237                  | 173,918   | 18,649                    | 16,546                  | 35,195    |
| Freight, express and excess baggage<br>carried: |                       |                         |           |                           |                         |           |
| Unit toll ..... 1b.                             | 891,635               | 3,371,181               | 4,262,816 | 999,246                   | 2,564,426               | 3,563,672 |
| Bulk ..... "                                    | -                     | -                       | -         | -                         | -                       | -         |
| Totals ..... "                                  | 891,635               | 3,371,181               | 4,262,816 | 999,246                   | 2,564,426               | 3,563,672 |
| Mail carried (unit toll) ..... "                | 222,619               | 410,607                 | 633,226   | 314,433                   | 333,371                 | 647,804   |
| All other areas                                 |                       |                         |           | Totals                    |                         |           |
|   | Leaving<br>Canada for | Entering<br>Canada from | Total     | Leaving<br>Canada for     | Entering<br>Canada from | Total     |
| Passengers carried:                             |                       |                         |           |                           |                         |           |
| Unit toll ..... No.                             | 14,196                | 7,725                   | 21,921    | 122,052                   | 106,217                 | 228,269   |
| Bulk ..... "                                    | 108                   | 105                     | 213       | 2,582                     | 396                     | 2,978     |
| Totals ..... "                                  | 14,304                | 7,830                   | 22,134    | 124,634                   | 106,613                 | 231,247   |
| Freight, express and excess baggage<br>carried: |                       |                         |           |                           |                         |           |
| Unit toll ..... 1b.                             | 283,342               | 215,030                 | 498,372   | 2,174,223                 | 6,150,637               | 8,324,860 |
| Bulk ..... "                                    | -                     | -                       | -         | -                         | -                       | -         |
| Totals ..... "                                  | 283,342               | 215,030                 | 498,372   | 2,174,223                 | 6,150,637               | 8,324,860 |
| Mail carried (unit toll) ..... "                | 52,753                | 46,636                  | 99,389    | 589,805                   | 790,614                 | 1,380,419 |
| Total by Canadian carriers                      |                       |                         |           | Total by Foreign carriers |                         |           |
|   | Leaving<br>Canada     | Entering<br>Canada      | Total     | Leaving<br>Canada         | Entering<br>Canada      | Total     |
| Passengers carried:                             |                       |                         |           |                           |                         |           |
| Unit toll ..... No.                             | 74,222                | 61,894                  | 136,116   | 47,830                    | 44,323                  | 92,153    |
| Bulk ..... "                                    | 1,096                 | 237                     | 1,333     | 1,486                     | 159                     | 1,645     |
| Totals ..... "                                  | 75,318                | 62,131                  | 137,449   | 49,316                    | 44,482                  | 93,798    |
| Freight, express and excess baggage<br>carried: |                       |                         |           |                           |                         |           |
| Unit toll ..... 1b.                             | 1,395,798             | 3,270,882               | 4,666,680 | 778,425                   | 2,879,755               | 3,658,180 |
| Bulk ..... "                                    | -                     | -                       | -         | -                         | -                       | -         |
| Totals ..... "                                  | 1,395,798             | 3,270,882               | 4,666,680 | 778,425                   | 2,879,755               | 3,658,180 |
| Mail carried (unit toll) ..... "                | 384,680               | 394,295                 | 778,975   | 205,125                   | 396,319                 | 601,444   |

(1) Passengers and goods in transit through Canada are excluded.

TABLE 8. Specialty Flying Services, Canadian Carriers - Groups I to IV, by Type of Service

December 1965

|                                      | Fixed wing aircraft |                |               |                | Helicopters   |                |               |                |
|--------------------------------------|---------------------|----------------|---------------|----------------|---------------|----------------|---------------|----------------|
|                                      | Month               |                | Year to date  |                | Month         |                | Year to date  |                |
|                                      | Revenue hours       | Revenue earned | Revenue hours | Revenue earned | Revenue hours | Revenue earned | Revenue hours | Revenue earned |
| Type of service:                     | No.                 | \$             | No.           | \$             | No.           | \$             | No.           | \$             |
| Aerial advertising .....             | -                   | -              | 27            | 2,943          | 75            | 4,335          | 869           | 76,037         |
| Aerial fish cultivation .....        | -                   | -              | 34            | 2,133          | -             | -              | -             | -              |
| Aerial patrol and inspection .....   | 434                 | 28,416         | 11,539        | 1,339,194      | 179           | 20,973         | 8,148         | 1,125,833      |
| Aerial pest control .....            | -                   | -              | 3,241         | 611,013        | -             | -              | 20            | 10,002         |
| Aerial photography and survey .....  | 113                 | 4,617          | 6,651         | 1,009,016      | -             | -              | 1,489         | 159,539        |
| Aerial photography (excl. survey) .. | 26                  | 621            | 966           | 39,610         | 23            | 6,227          | 976           | 102,842        |
| Aircraft rental .....                | 142                 | 2,204          | 1,132         | 19,682         | -             | -              | -             | -              |
| Flying training .....                | 3,444               | 60,817         | 56,793        | 972,450        | -             | -              | 633           | 39,942         |
| Geophysical survey .....             | 232                 | 84,046         | 8,230         | 846,460        | 132           | 10,796         | 5,328         | 594,007        |
| Non-transportation charter .....     | 8                   | 190            | 703           | 199,466        | 4             | 18             | 14            | 178            |
| Philanthropic .....                  | -                   | -              | -             | -              | -             | -              | -             | -              |
| Recreational flying .....            | 871                 | 18,007         | 15,319        | 330,399        | 1             | 29             | 966           | 70,603         |
| Specialty flying - Other .....       | 81                  | 260            | 754           | 3,596          | 21            | 3,450          | 652           | 53,928         |
| Totals .....                         | 5,351               | 199,178        | 105,389       | 5,375,962      | 435           | 45,828         | 19,095        | 2,232,911      |

TABLE 9. Helicopter Operating Statistics - Canadian Carriers - Groups I to IV

December 1965

|                                       | Carriers operating helicopters only |              | Carriers operating both helicopters and fixed wing aircraft |              | Total   |              |
|---------------------------------------|-------------------------------------|--------------|---|--------------|---------|--------------|
|                                       | Month                               | Year to date | Month   | Year to date | Month   | Year to date |
| Carriers reporting .....              | No. 14                              | ...          | 6   | ...          | 20      | ...          |
| Helicopters - Owned .....             | " 144                               | 153          | 18  | 22           | 162     | 175          |
| Leased .....                          | " 13                                | 22           | 2   | 3            | 15      | 25           |
| Totals .....                          | " 157                               | 175          | 20  | 25           | 177     | 200          |
| Revenue hours flown - Unit toll ..... | " 3                                 | 200          | -   | -            | 3       | 200          |
| Bulk .....                            | " 3,470                             | 80,219       | 114   | 3,938        | 3,584   | 84,157       |
| Specialty .....                       | " 146                               | 10,167       | 265   | 8,684        | 411     | 18,851       |
| Totals .....                          | " 3,619                             | 90,586       | 379   | 12,622       | 3,998   | 103,208      |
| Non-revenue hours flown .....         | " 345                               | 5,409        | 19  | 560          | 364     | 5,969        |
| Fuel and oil consumed:                |                                     |              |   |              |         |              |
| Gasoline .....                        | gal. 74,365                         | 1,612,925    | 3,605   | 132,965      | 77,970  | 1,745,890    |
| Cost .....                            | \$ 23,629                           | 734,607      | 1,754   | 70,730       | 25,383  | 805,337      |
| Oil .....                             | gal. 1,246                          | 28,070       | 56  | 2,143        | 1,302   | 30,213       |
| Cost .....                            | \$ 1,808                            | 47,603       | 86  | 3,207        | 1,894   | 50,810       |
| Average number of employees:          |                                     |              |   |              |         |              |
| Pilots .....                          | No. 147                             | 173          | 8   | 13           | 155     | 186          |
| Administrative .....                  | " 66                                | 59           | -   | 2            | 66      | 61           |
| Maintenance labour .....              | " 148                               | 159          | 6   | 7            | 154     | 166          |
| Other personnel .....                 | " 12                                | 9            | -   | -            | 12      | 9            |
| Totals .....                          | " 373                               | 400          | 14  | 22           | 387     | 422          |
| Salaries and wages:                   |                                     |              |   |              |         |              |
| Pilots .....                          | \$ 152,427                          | 1,691,245    | 4,813   | 122,414      | 157,240 | 1,813,659    |
| Administrative .....                  | \$ 57,219                           | 474,766      | -   | 13,300       | 57,219  | 488,066      |
| Maintenance labour .....              | \$ 108,329                          | 1,035,371    | 3,705   | 57,663       | 112,034 | 1,093,034    |
| Other personnel .....                 | \$ 5,339                            | 33,758       | -   | -            | 5,339   | 33,758       |
| Totals .....                          | \$ 323,314                          | 3,235,140    | 8,518   | 193,377      | 331,832 | 3,428,517    |



TABLE 10. Revenues, Expenses and Income, Canadian Carriers Operating Helicopters Only - Groups I to IV  
December 1965

|  | Current month | Year to date |
|--|---------------|--------------|
|  | dollars       |              |
| Operating revenues:                      |               |              |
| Unit toll transportation:                |               |              |
| Passengers .....                         | -             | -            |
| Express .....                            | -             | -            |
| Freight .....                            | -             | -            |
| Excess baggage .....                     | -             | -            |
| Mail .....                               | -             | -            |
| Total unit toll transportation .....     | -             | -            |
| Bulk transportation .....                | 402,801       | 9,631,898    |
| Total transportation .....               | 402,801       | 9,631,898    |
| Other flying services .....              | 18,577        | 1,119,261    |
| Total flying services .....              | 421,378       | 10,751,159   |
| Non-flying services .....                | 105,785       | 453,125      |
| Total operating revenues .....           | 527,163       | 11,204,284   |
| Operating expenses:                      |               |              |
| Flying operations .....                  | 156,303       | 4,092,734    |
| Maintenance .....                        | 368,035       | 3,326,051    |
| General service and administration ..... | 184,310       | 1,231,194    |
| Depreciation and amortization .....      | 74,238        | 1,206,154    |
| Total operating expenses .....           | 782,886       | 9,856,133    |
| Operating income (deficit) .....         | Dr. 255,723   | 1,348,151    |
| Non-operating income:                    |               |              |
| Capital gains and losses .....           | 5,919         | 78,002       |
| Interest and discounts .....             | 2,861         | 6,722        |
| Miscellaneous non-operating income ..... | Dr. 13,033    | 54,436       |
| Income before interest expense .....     | Dr. 259,976   | 1,487,311    |
| Interest expense .....                   | 25,419        | 253,178      |
| Income before income taxes .....         | Dr. 285,395   | 1,234,133    |
| Provision for income taxes .....         | Cr. 20,322    | 110,919      |
| Net income after income taxes .....      | Dr. 265,073   | 1,123,214    |

TABLE 11. Operating Statistics, Canadian Group V Carriers  
December 1965

|   | Quarter       | Year to date |
|---|---------------|--------------|
| Reporting carriers .....                | No. 299       | ...          |
| Transportation:                         |               |              |
| Hours flown .....                       | " 21,381      | 111,048      |
| Passengers carried .....                | " 37,175      | 218,719      |
| Goods carried .....                     | lb. 3,810,769 | 20,381,877   |
| Specialty flying services:              |               |              |
| Aerial advertising .....                | hr. 12        | 654          |
| Aerial fish cultivation .....           | " -           | 60           |
| Aerial patrol and inspection .....      | " 1,283       | 10,144       |
| Aerial pest control .....               | " 154         | 9,038        |
| Aerial photography and survey .....     | " 392         | 1,295        |
| Aerial photography (excl. survey) ..... | " 189         | 347          |
| Aircraft rental .....                   | " 4,674       | 20,831       |
| Flying training .....                   | " 25,741      | 116,200      |
| Geophysical survey .....                | " 687         | 893          |
| Non-transportation charter .....        | " 103         | 1,246        |
| Philanthropic .....                     | " -           | -            |
| Recreational flying .....               | " 5,566       | 24,414       |
| Specialty flying - Other .....          | " 83          | 2,147        |
| Totals .....                            | 38,884        | 187,269      |
| Total - All services:                   |               |              |
| Revenue hours flown .....               | No. 60,265    | 298,317      |
| Non-revenue hours flown .....           | " 2,681       | 14,271       |



CIVIL AVIATION DEFINITIONS (1)

Bulk Transportation:

- (1) Public transportation of passengers or goods from a designated base at a toll per mile or per hour for the charter of the entire aircraft (Class 4); and
- (2) Transportation of passengers and goods in accordance with one or more specific contracts (Class 5).

Classification of Canadian Carriers by Groups

- Group I Carriers: Canadian Air Carriers licensed to perform both domestic and international scheduled services. (Trans-Canada Air Lines and Canadian Pacific Air Lines Ltd.).
- Group II Carriers: Canadian Air Carriers other than Group I carriers licensed to perform domestic scheduled services and Nordair Ltd. (2).
- Group III Carriers: Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$500,000 or over (excepting air carriers included in Group I and II).
- Group IV Carriers: Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of \$100,000 and over, but less than \$500,000.
- Group V Carriers: Canadian Air Carriers licensed to perform non-scheduled services with gross annual flying revenues of less than \$100,000.

Cargo:

Air freight and air express (excluding mail and excess baggage).

Carrier, Air:

Any person who operates aircraft in or over Canada for hire or reward.

Non-Scheduled Carriers: Carriers not operating any scheduled (Class I) service.

Scheduled Carriers: Air Carriers serving designated points in accordance with a service schedule and at a toll per unit.

- (1) Reference to Classes refers to the classification of air carriers as defined by the Air Transport Board and published in the "Directory of Canadian Commercial Air Services" Queen's Printer, Ottawa.
- (2) For statistical purposes in this report, Nordair Ltd. is included with Group III carriers.

Freedoms of the Air:

- First Freedom: The privilege to fly over the territory of a foreign country without landing.
- Second Freedom: The privilege to land on the territory of a foreign country for non-traffic purposes.
- Third Freedom: The privilege to put down in a foreign country, passengers, mail and cargo taken on in the territory of the state whose nationality the aircraft possesses.
- Fourth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of the state whose nationality the aircraft possesses.
- Fifth Freedom: The privilege to take on in a foreign country, passengers, mail and cargo destined for the territory of any other foreign state and the privilege to put down in a foreign country, passengers, mail and cargo coming from any such territory.

Freight, Air:

Articles carried on regular flights at standard per pound rates when space is available.

Goods:

Air Cargo (freight and express) plus mail and excess baggage.

Interline Traffic:

- Domestic Interline: Passengers and goods received by a carrier at Canadian points from other Canadian Air Carriers.
- Foreign Interline: Passengers and goods received by a carrier from Foreign Air Carriers.
- Divisional Interline: Passengers and goods received from other operating divisions of the same carrier.

International Services:

- Trans-Border Services: Services between Canada and the United States.
- Southern Services: Services between Canada and Bermuda, the Caribbean, Mexico, Central or South America.
- Trans-Atlantic and Polar Services: Services between Canada and Europe.
- Pacific and Orient Services: Services between Canada and points in the Pacific Ocean or the Orient.

Load Capacity Available:

Load capacity available for the transportation of goods and passengers after deduction of the operating load of gas and oil, crew, stewards' supplies, etc.

|                                   |  |
|-----------------------------------|--|
| <u>Load Factor, Passenger:</u>    | Ratio of revenue passenger-miles performed to available seat-miles.  |
| <u>Load Factor, Weight:</u>       | - See Weight, Load-Factor.   |
| <u>Miles:</u>                     | Statute miles of 5,280 ft.   |
| <u>Passenger:</u>                 | A person occupying a separate seat on a one-way trip. For statistical purposes an infant-in-arms is not considered a passenger. A round trip passenger is counted as two passengers.   |
| Passenger Load-Factor:            | - See Load Factor, Passenger.  |
| Passenger-Mile:                   | The transportation of one passenger one mile.  |
| Non-Revenue Passenger:            | A child or adult carried on a revenue transportation flight for whom no fare is collected, including company personnel.  |
| Revenue Passenger:                | A child or adult for which a fare or part of a fare is paid.   |
| <u>Seat-Miles Available:</u>      | Seats available for the transportation of passengers multiplied by the miles flown on each inter-station flight.   |
| <u>Specialty Flying Services:</u> | Non-transportation flying services, such as flying training, aerial photography, aerial pest control and aerial advertising.   |
| <u>Tons:</u>                      | Short tons of 2,000 lbs.   |
| <u>Ton-Mile:</u>                  | The transportation of one ton of goods one mile.   |
| <u>Ton-Miles Available:</u>       | Available load capacity multiplied by miles flown on each inter-station flight.  |
| <u>Unit Toll Transportation:</u>  | Public transportation of passengers and goods at a toll per unit. It includes: <ul style="list-style-type: none"><li>(i) the scheduled services, which provide public transportation between designated points in accordance with a schedule (Class I); and</li><li>(ii) the non-scheduled services, which provide public transportation either between designated points on a route pattern and with some degree of regularity (Class 2) or from a designated base to serve a defined area or a specific point or points (Class 3).</li></ul> |
| <u>Weight Load Factor:</u>        | Ratio of revenue ton-miles performed to available ton-miles.   |













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